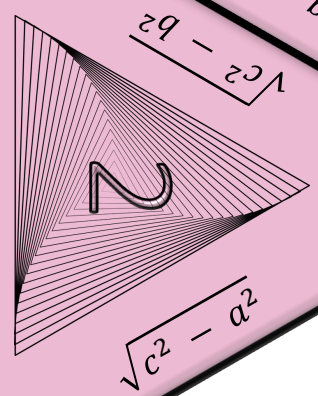


© Mat-nat.dk

Hvordan beregnes sidelængde **a** v.hj.a. **cos(B)**?

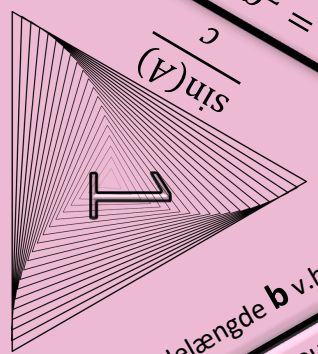


$$\sqrt{c^2 - a^2}$$

$$\tan(A) \cdot b$$

© Mat-nat.dk

Hvordan beregnes sidelængde **c** v.hj.a. **cos(B)**?

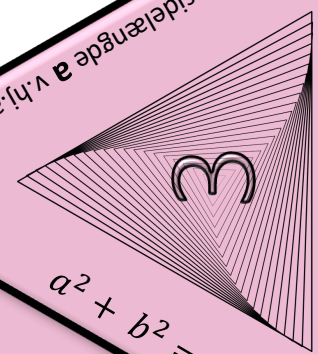


$$\frac{a}{\cos(A)}$$

$$a^2 + b^2 = c^2$$

© Mat-nat.dk

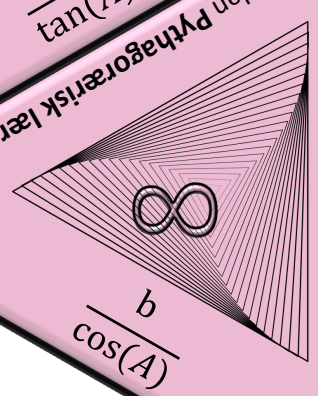
Hvordan beregnes sidelængde **a** v.hj.a. **tan(A)**?



$$\frac{a}{\sin(A)}$$

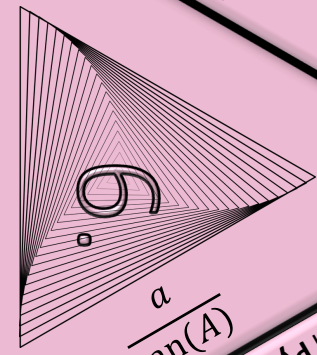
© Mat-nat.dk

Hvad siger den **Pythagoræisk læresætning**?



$$\frac{b}{\cos(A)}$$

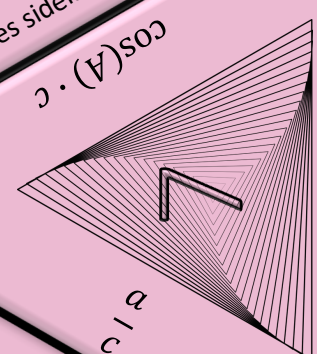
Hvordan beregnes **cos(A)**?



$$\frac{a}{\tan(A)}$$

© Mat-nat.dk

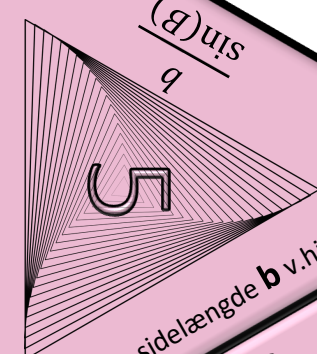
Hvordan beregnes sidelængde **b** v.hj.a. **tan(A)**?



$$\cos(A) \cdot c$$

© Mat-nat.dk

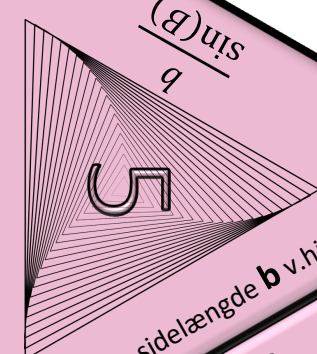
Hvordan beregnes sidelængde **b** v.hj.a. **cos(A)**?



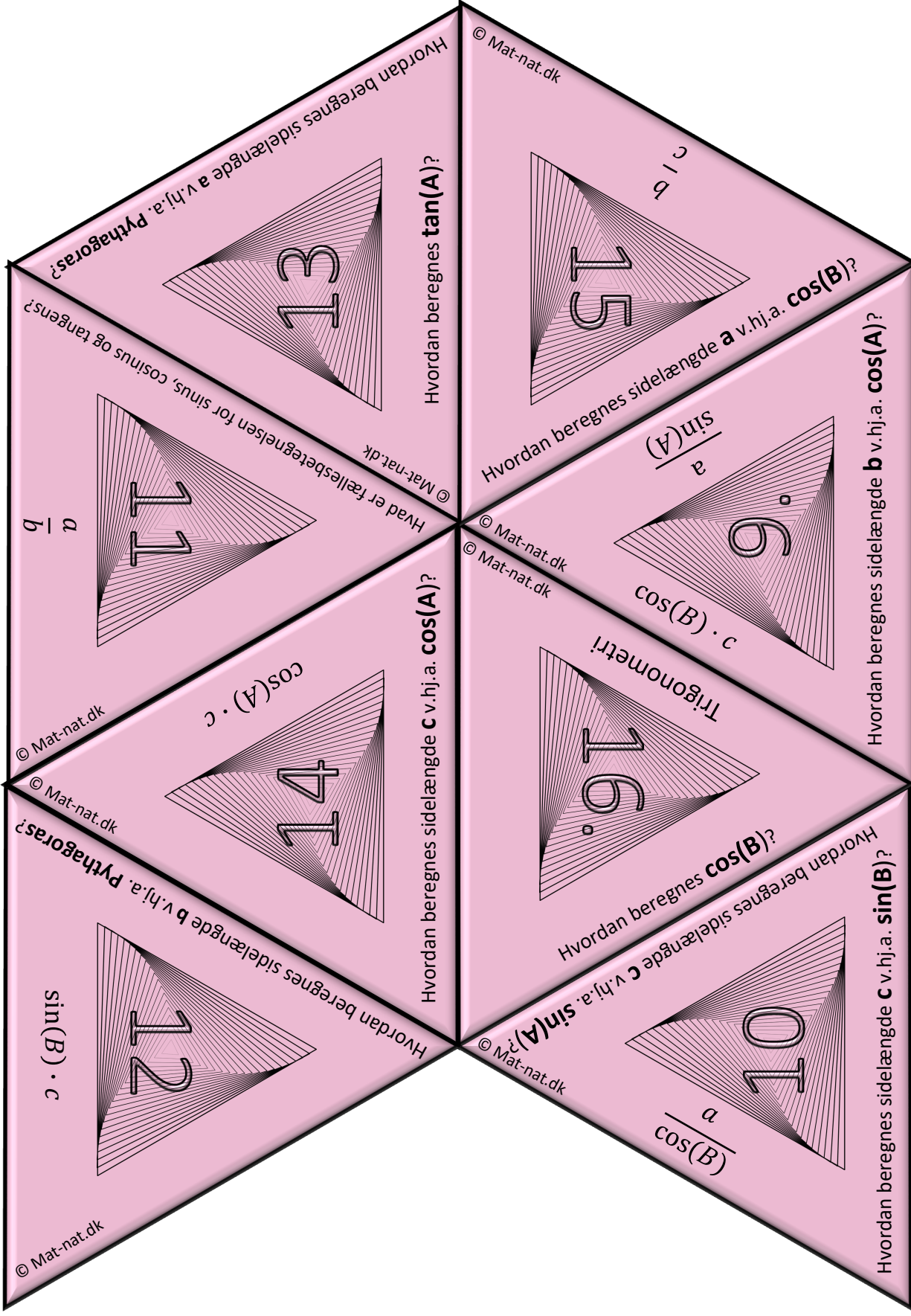
$$\cos(B) \cdot c$$

© Mat-nat.dk

Hvordan beregnes sidelængde **a** v.hj.a. **sin(B)**?

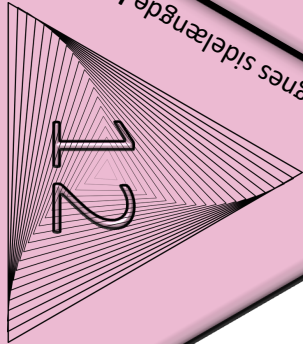


$$\frac{b}{\sin(B)}$$



© Mat-nat.dk

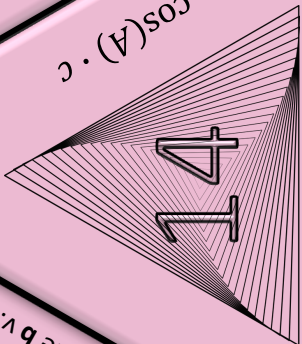
$\sin(B) \cdot c$



Hvordan beregnes sidelængde **b** v.hj.a. **Pythagoras?**

© Mat-nat.dk

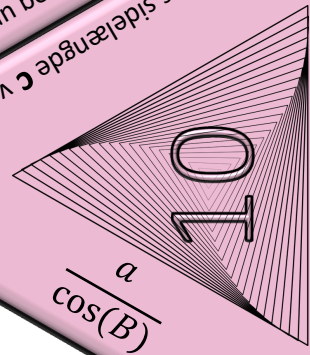
$\cos(A) \cdot c$



Hvordan beregnes sidelængde **c** v.hj.a. **cos(A)?**

© Mat-nat.dk

$\sin(A) \cdot c$

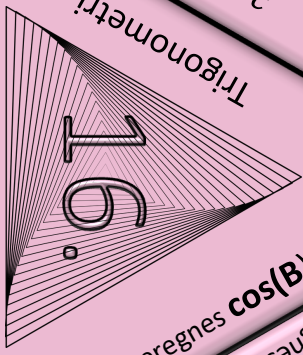


Hvordan beregnes sidelængde **c** v.hj.a. **sin(A)?**

Hvordan beregnes sidelængde **a** v.hj.a. **sin(B)?**

$\frac{a}{\cos(B)}$

Hvordan beregnes sidelængde **c** v.hj.a. **sin(B)?**



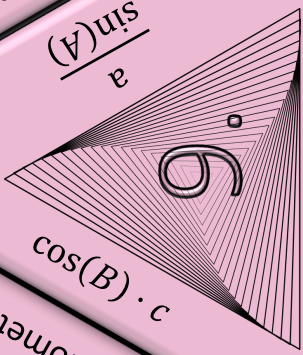
Trigonometri

© Mat-nat.dk

$c \cdot \cos(B)$

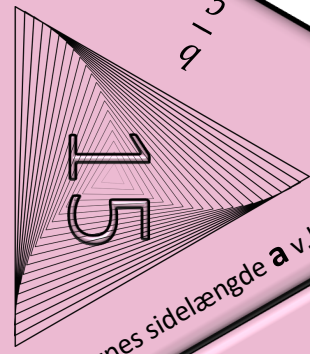
© Mat-nat.dk

$\frac{\sin(A)}{a}$



Hvordan beregnes sidelængde **a** v.hj.a. **cos(B)?**

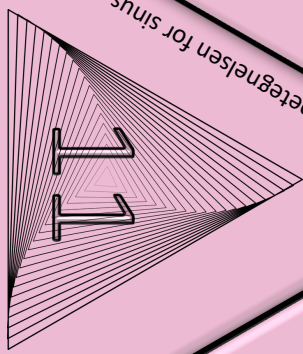
© Mat-nat.dk



Hvordan beregnes **tan(A)?**

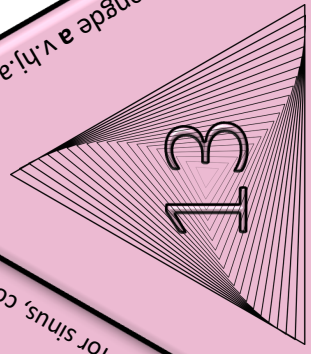
© Mat-nat.dk

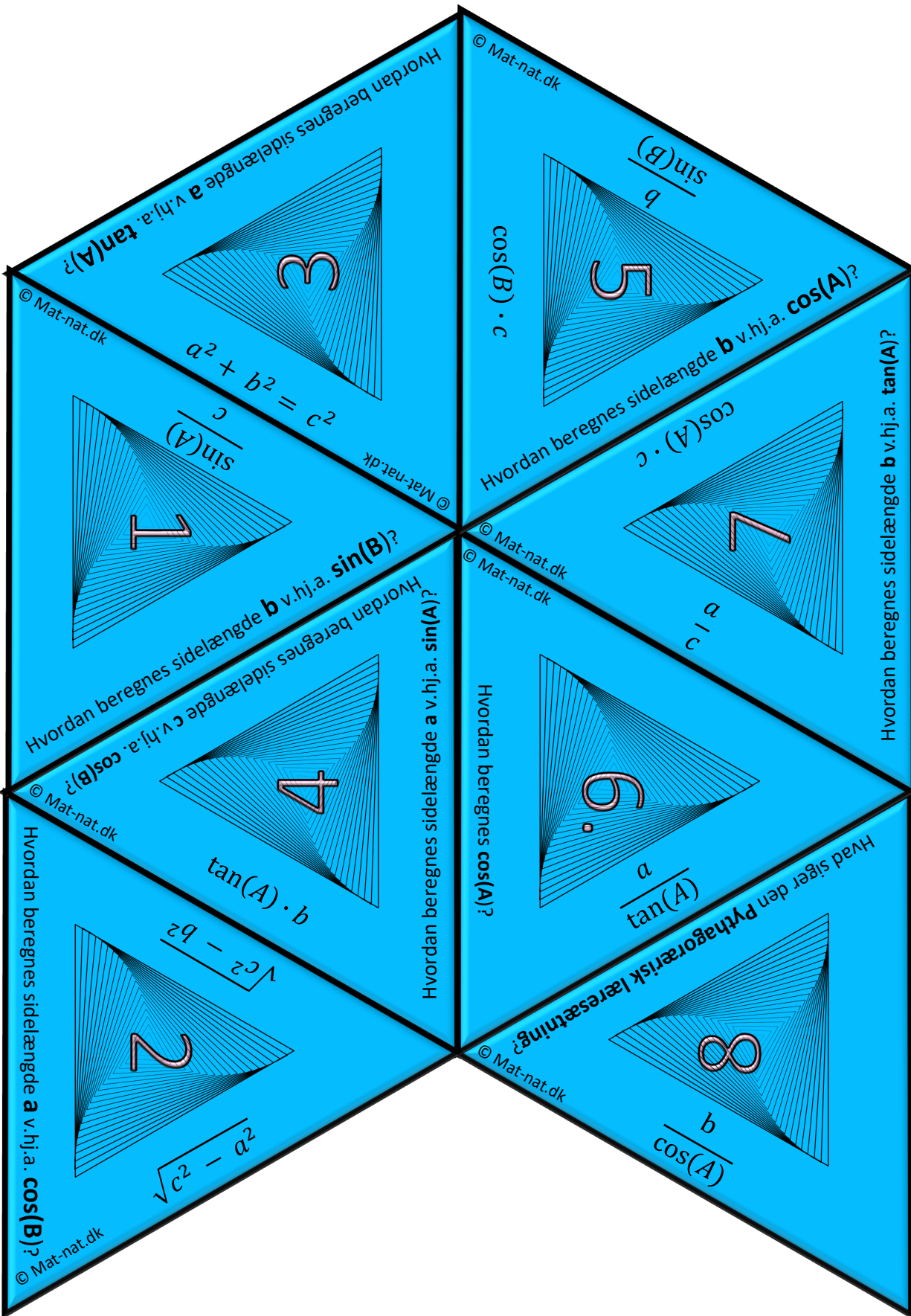
Hvad er fællesbetegnelsen for sinus, cosinus og tangens?



$\frac{a}{b}$

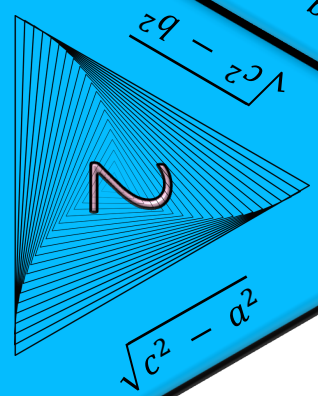
Hvordan beregnes sidelængde **a** v.hj.a. **Pythagoras?**





© Mat-nat.dk

Hvordan beregnes sidelængde **a** v.hj.a. **cos(B)**?



$$\sqrt{c^2 - a^2}$$

2

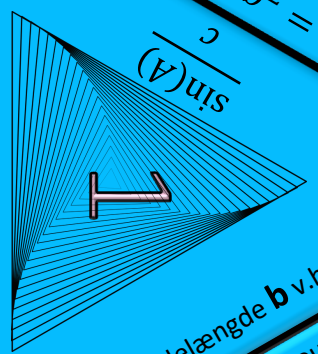
$$\sqrt{c^2 - b^2}$$

$$\tan(A) \cdot b$$

4

© Mat-nat.dk

Hvordan beregnes sidelængde **c** v.hj.a. **cos(B)**?



$$\frac{b}{\cos(B)}$$

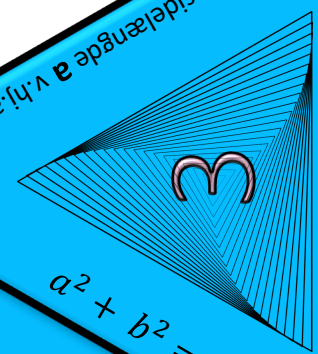
1

$$a^2 + b^2 = c^2$$

3

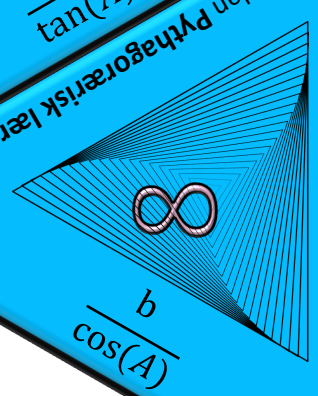
© Mat-nat.dk

Hvordan beregnes sidelængde **a** v.hj.a. **tan(A)**?



© Mat-nat.dk

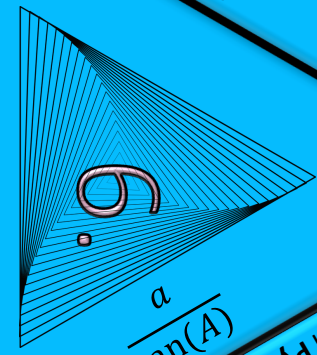
Hvad siger den Pythagoræisk læresetning?



$$\frac{b}{\cos(A)}$$

8

Hvordan beregnes **cos(A)**?

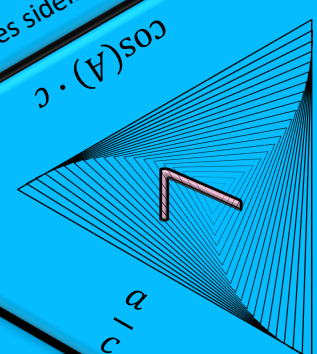


$$\frac{a}{\tan(A)}$$

6

© Mat-nat.dk

Hvordan beregnes sidelængde **b** v.hj.a. **tan(A)**?



$$\frac{a}{\cos(A)}$$

7

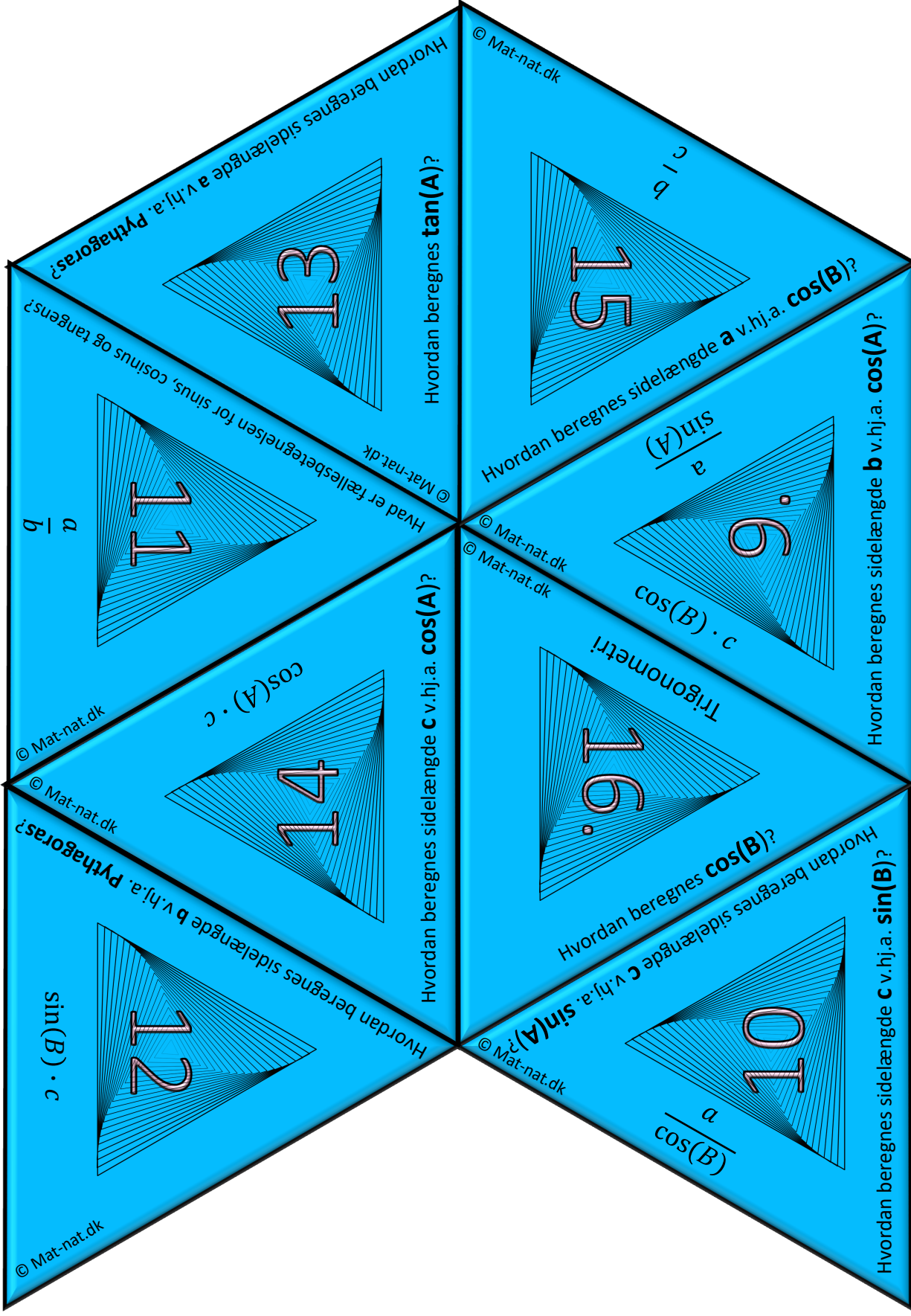
$$\cos(A) \cdot c$$

$$\cos(B) \cdot c$$

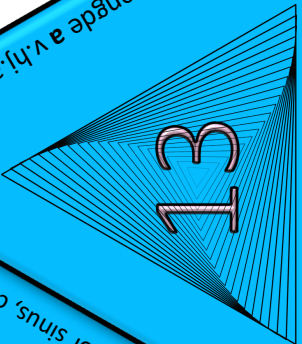
5

$$\frac{b}{\sin(B)}$$

© Mat-nat.dk

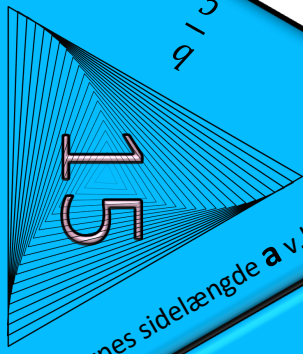


Hvordan beregnes sidelængde **a** v.hj.a. **Pythagoras?**



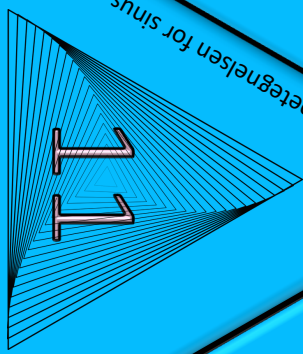
Hvordan beregnes **tan(A)**?

Hvordan beregnes sidelængde **a** v.hj.a. **cos(B)**?



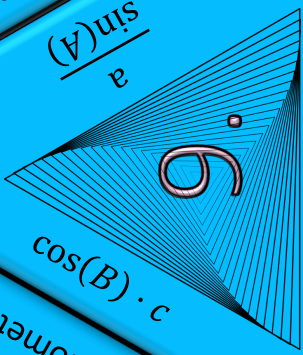
Hvordan beregnes $\frac{a}{\sin(A)}$?

Hvad er fællesbetegnelsen for sinus, cosinus og tangens?



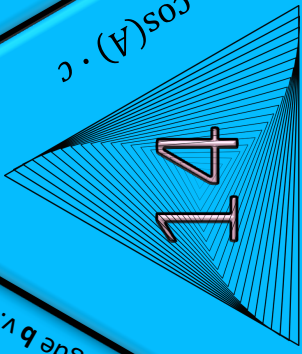
$\frac{a}{b}$

Hvordan beregnes sidelængde **b** v.hj.a. **cos(A)**?



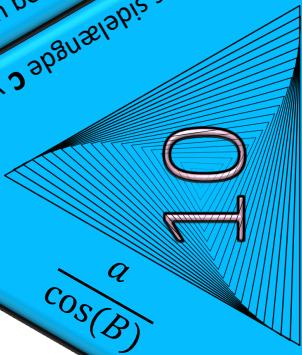
© Mat-nat.dk

Hvordan beregnes sidelængde **c** v.hj.a. **cos(A)**?



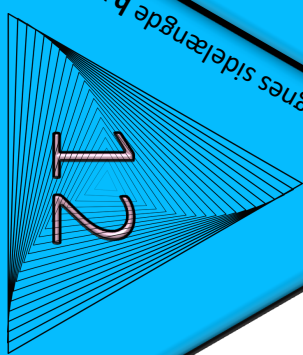
© Mat-nat.dk

Hvordan beregnes sidelængde **c** v.hj.a. **sin(A)**?



© Mat-nat.dk

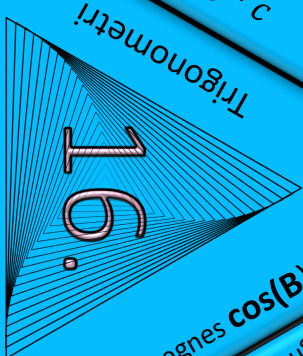
Hvordan beregnes sidelængde **b** v.hj.a. **Pythagoras?**



$\sin(B) \cdot c$

© Mat-nat.dk

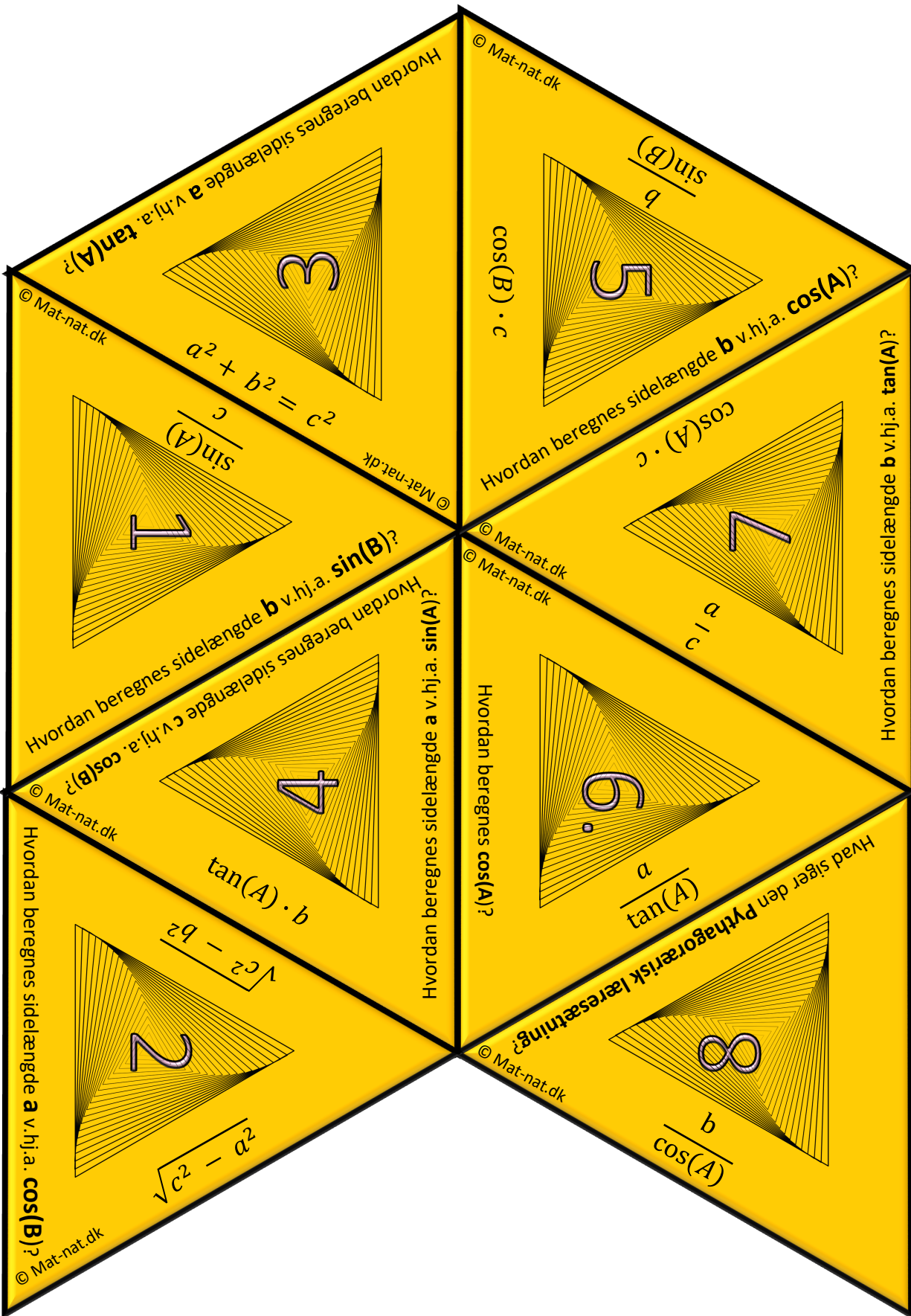
Hvordan beregnes sidelængde **c** v.hj.a. **sin(B)**?



Trigonometri

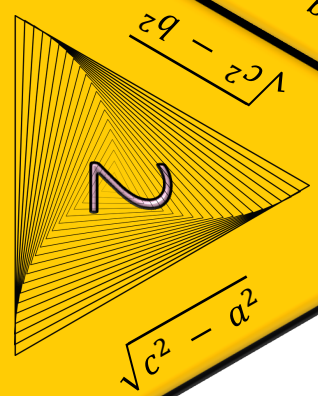
Hvordan beregnes **cos(B)**?

© Mat-nat.dk



© Mat-nat.dk

Hvordan beregnes sidelængde **a** v.hj.a. **cos(B)**?

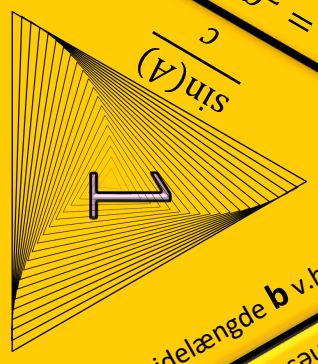


$$\sqrt{c^2 - a^2}$$

2

© Mat-nat.dk

Hvordan beregnes sidelængde **c** v.hj.a. **cos(B)**?



$$\frac{b}{\sin(A)}$$

1

© Mat-nat.dk

Hvordan beregnes sidelængde **a** v.hj.a. **tan(A)**?

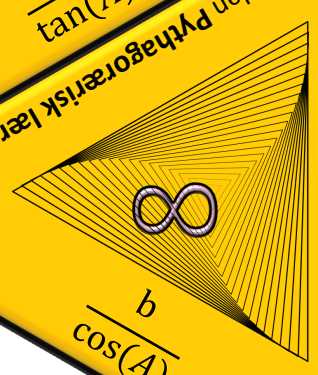


$$a^2 + b^2 = c^2$$

3

© Mat-nat.dk

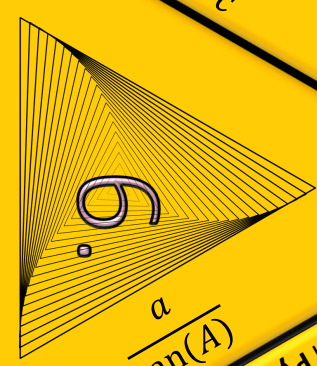
Hvad siger den Pythagoræisk læresetning?



$$\frac{b}{\cos(A)}$$

8

Hvordan beregnes **cos(A)**?

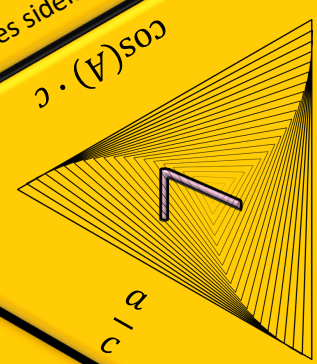


$$\frac{a}{\tan(A)}$$

6

© Mat-nat.dk

Hvordan beregnes sidelængde **b** v.hj.a. **tan(A)**?

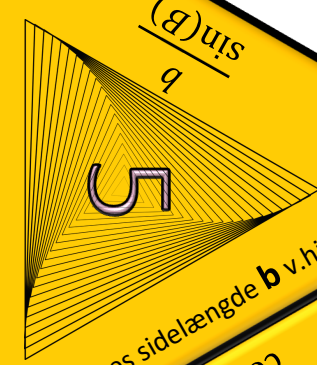


$$\cos(A) \cdot c$$

7

© Mat-nat.dk

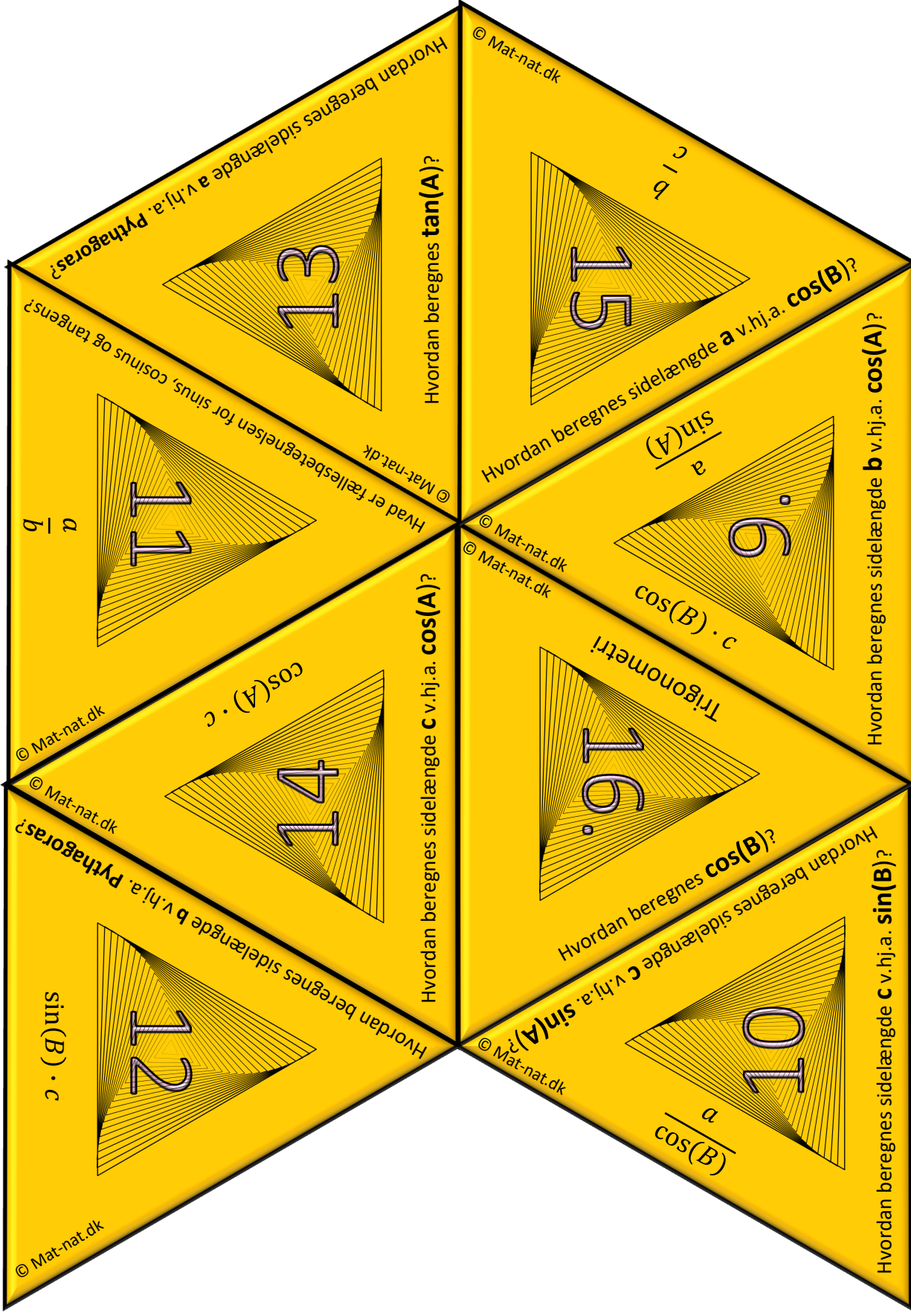
Hvordan beregnes sidelængde **b** v.hj.a. **cos(A)**?



$$\cos(B) \cdot c$$

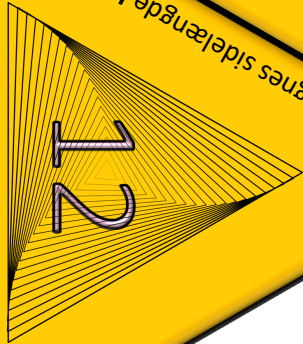
5

$$\frac{b}{\sin(B)}$$



© Mat-nat.dk

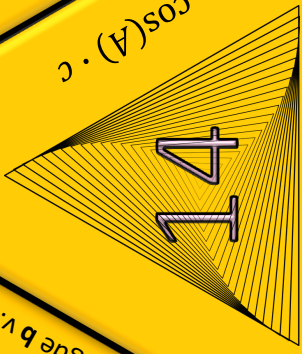
$$\sin(B) \cdot c$$



Hvordan beregnes sidelængde **b** v.hj.a. **Pythagoras?**

© Mat-nat.dk

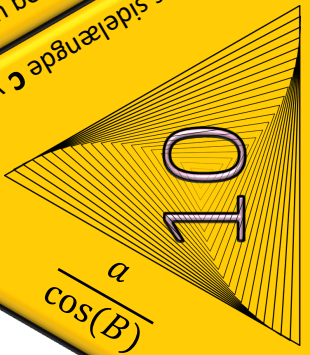
$$\cos(A) \cdot c$$



Hvordan beregnes sidelængde **c** v.hj.a. **cos(A)?**

© Mat-nat.dk

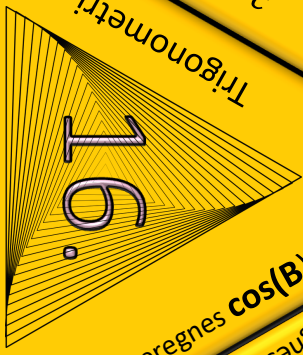
$$\frac{a}{\cos(B)}$$



Hvordan beregnes sidelængde **c** v.hj.a. **sin(A)?**

© Mat-nat.dk

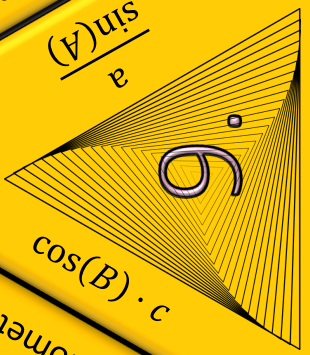
$$c \cdot \cos(B)$$



Hvordan beregnes **cos(B)?**

© Mat-nat.dk

$$\frac{\sin(A)}{a}$$



Hvordan beregnes sidelængde **a** v.hj.a. **cos(B)?**

© Mat-nat.dk

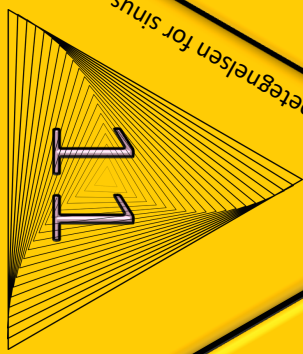
$$\tan(A)$$



Hvordan beregnes **tan(A)?**

© Mat-nat.dk

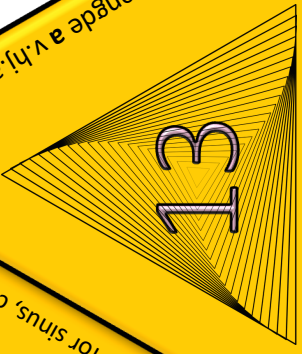
$$\frac{a}{b}$$



Hvad er fællesbetegnelsen for sinus, cosinus og tangens?

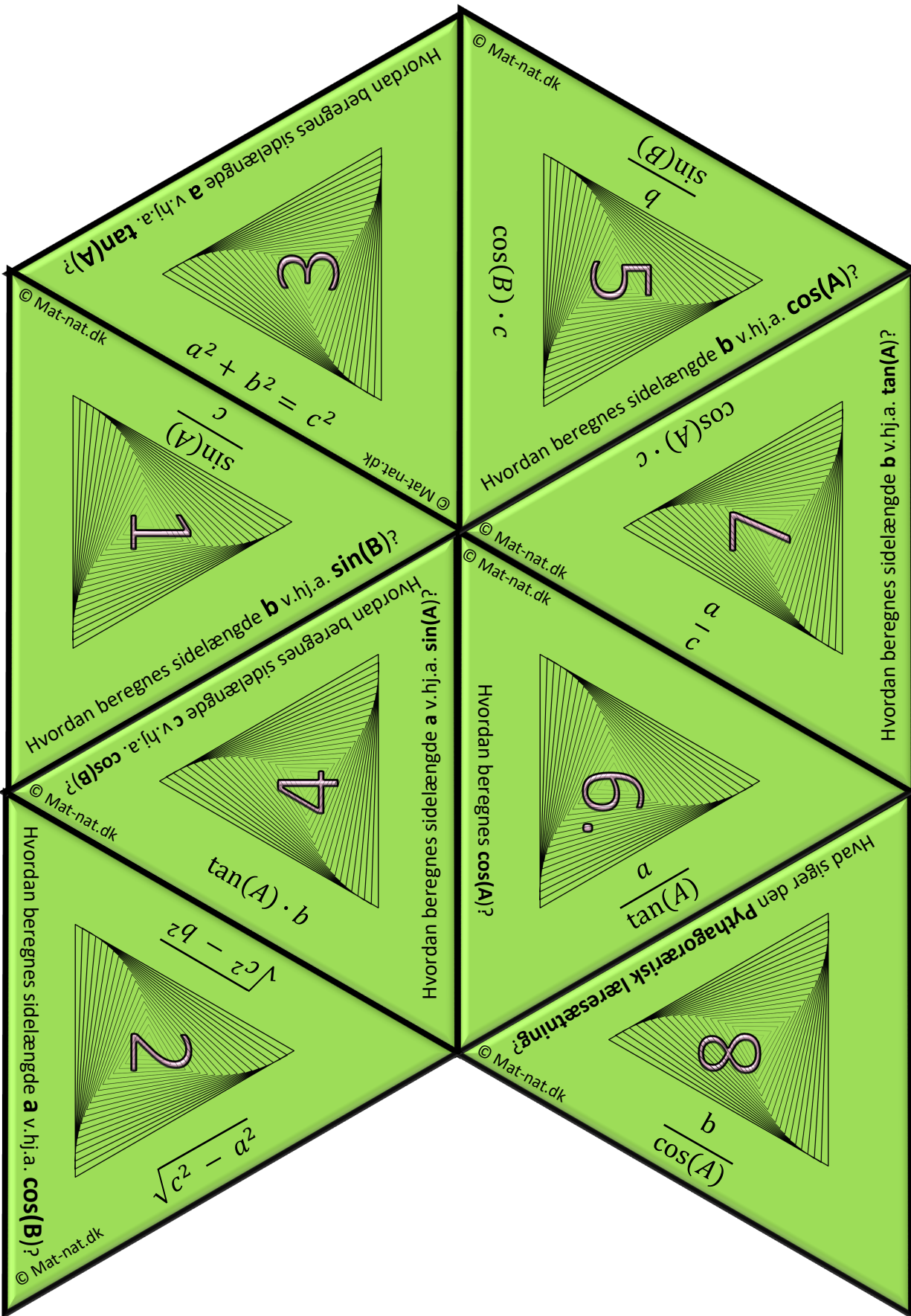
Hvordan beregnes sidelængde **a** v.hj.a. **Pythagoras?**

$$\tan(A)$$



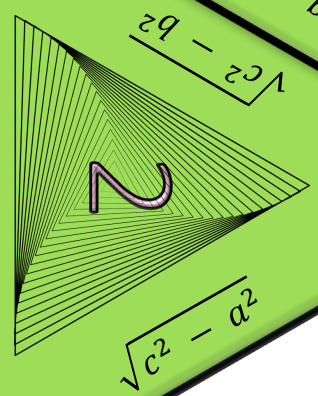
Hvordan beregnes sidelængde **c** v.hj.a. **sin(B)?**

Hvordan beregnes sidelængde **b** v.hj.a. **cos(A)?**



© Mat-nat.dk

Hvordan beregnes sidelængde **a** v.hj.a. **cos(B)**?

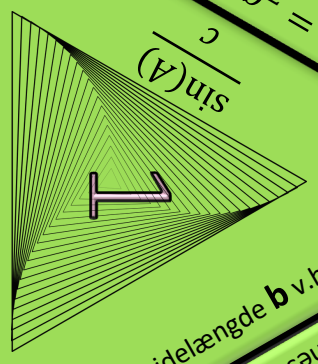


$$\sqrt{c^2 - a^2}$$

1

© Mat-nat.dk

Hvordan beregnes sidelængde **c** v.hj.a. **cos(B)**?

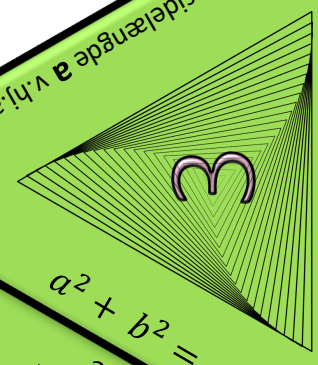


$$\frac{b}{\sin(A)}$$

2

© Mat-nat.dk

Hvordan beregnes sidelængde **a** v.hj.a. **tan(A)**?

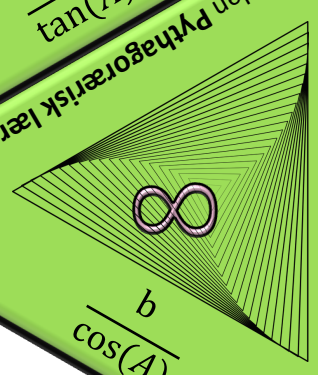


$$a^2 + b^2 = c^2$$

3

© Mat-nat.dk

Hvad siger den Pythagoræisk læresætning?

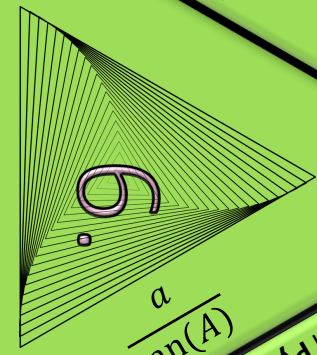


$$\frac{b}{\cos(A)}$$

4

© Mat-nat.dk

Hvordan beregnes sidelængde **a** v.hj.a. **sin(A)**?



$$\frac{a}{\tan(A)}$$

5

© Mat-nat.dk

Hvordan beregnes sidelængde **b** v.hj.a. **tan(A)**?

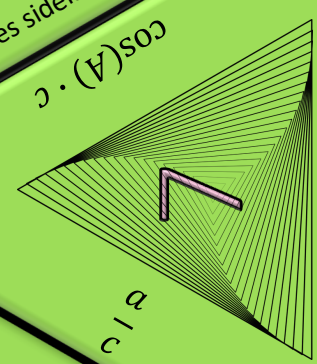


$$\frac{b \sin(B)}{\cos(A) \cdot c}$$

6

© Mat-nat.dk

Hvordan beregnes sidelængde **b** v.hj.a. **cos(A)**?



$$\cos(A) \cdot c$$

7

© Mat-nat.dk

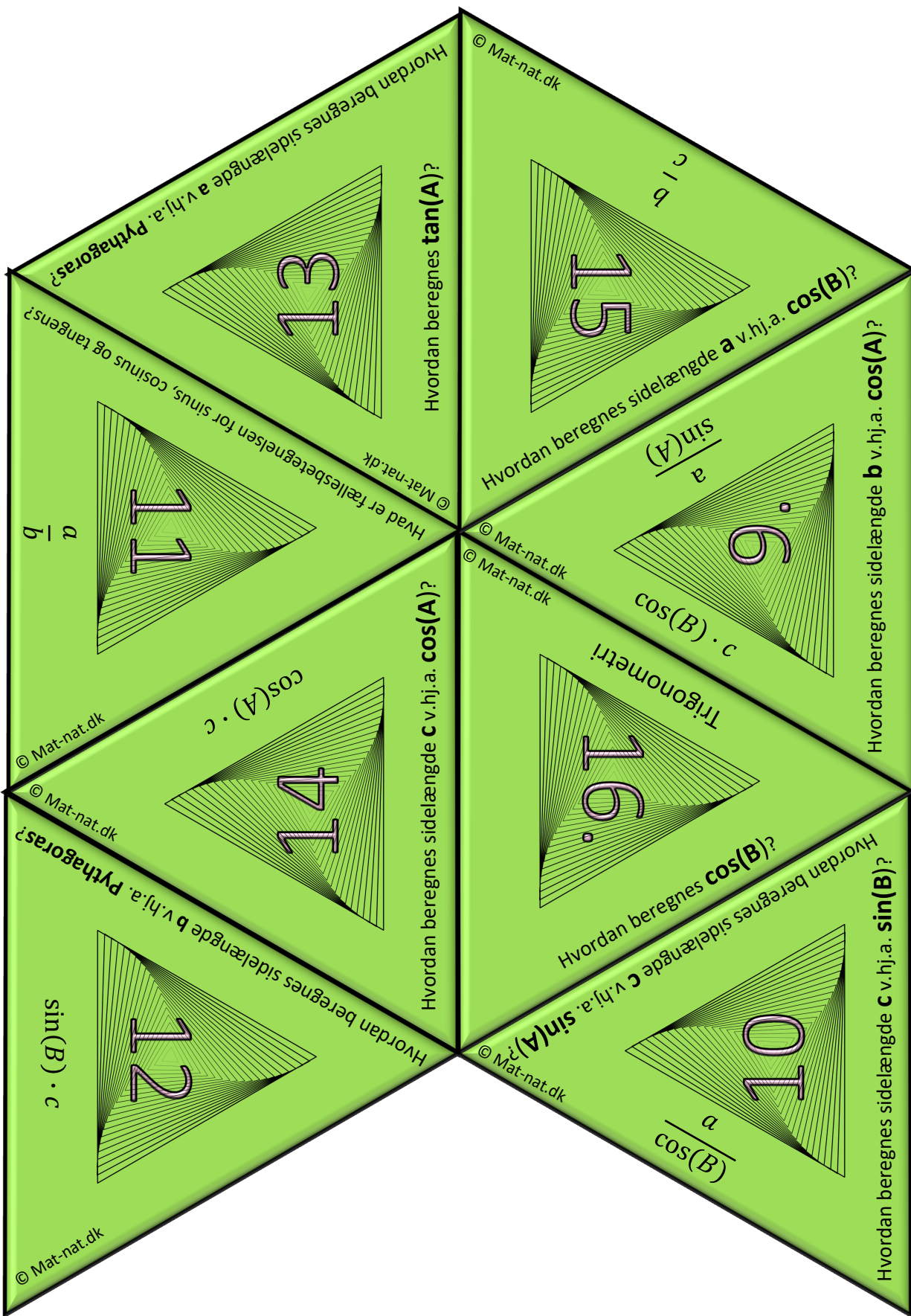
Hvordan beregnes sidelængde **a** v.hj.a. **cos(A)**?



$$\cos(B) \cdot c$$

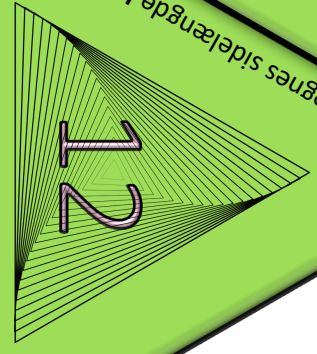
8

© Mat-nat.dk



© Mat-nat.dk

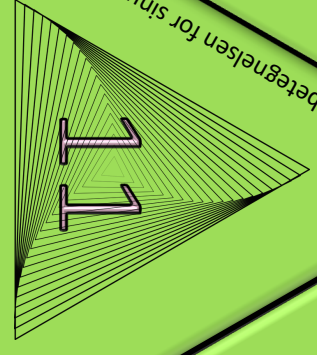
$$\sin(B) \cdot c$$



© Mat-nat.dk

© Mat-nat.dk

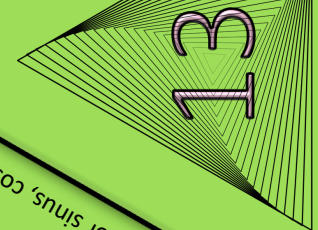
$$\frac{a}{b}$$



© Mat-nat.dk

© Mat-nat.dk

Hvordan beregnes sidelængde **a** v.hj.a. Pythagoras?



Hvordan beregnes **tan(A)**?

Hvad er fællesbetegnelsen for sinus, cosinus og tangens?

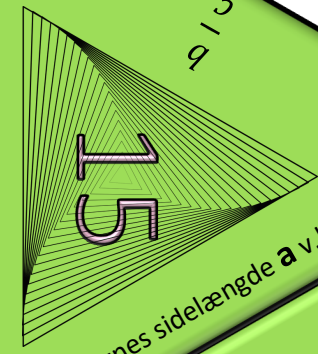
© Mat-nat.dk

© Mat-nat.dk

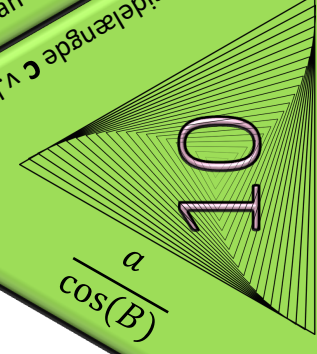
© Mat-nat.dk

© Mat-nat.dk

Hvordan beregnes sidelængde **a** v.hj.a. **cos(B)**?



$$\frac{a}{\cos(B)}$$



Hvordan beregnes sidelængde **c** v.hj.a. **sin(B)**?

Hvordan beregnes sidelængde **c** v.hj.a. **sin(A)**?

$$\frac{c \cdot \cos(B)}{\cos(B)}$$

$$\frac{c \cdot \cos(B)}{\cos(B)}$$

$$\frac{c \cdot \cos(B)}{\cos(B)}$$

$$\frac{c \cdot \cos(B)}{\cos(B)}$$

$$\frac{c \cdot \cos(B)}{\cos(B)}$$

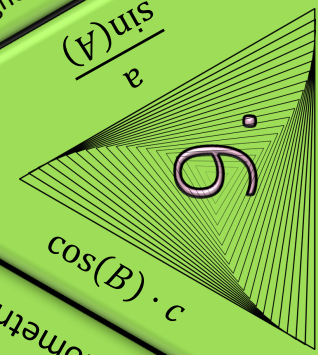
$$\frac{c \cdot \cos(B)}{\cos(B)}$$

$$\frac{c \cdot \cos(B)}{\cos(B)}$$

$$\frac{c \cdot \cos(B)}{\cos(B)}$$

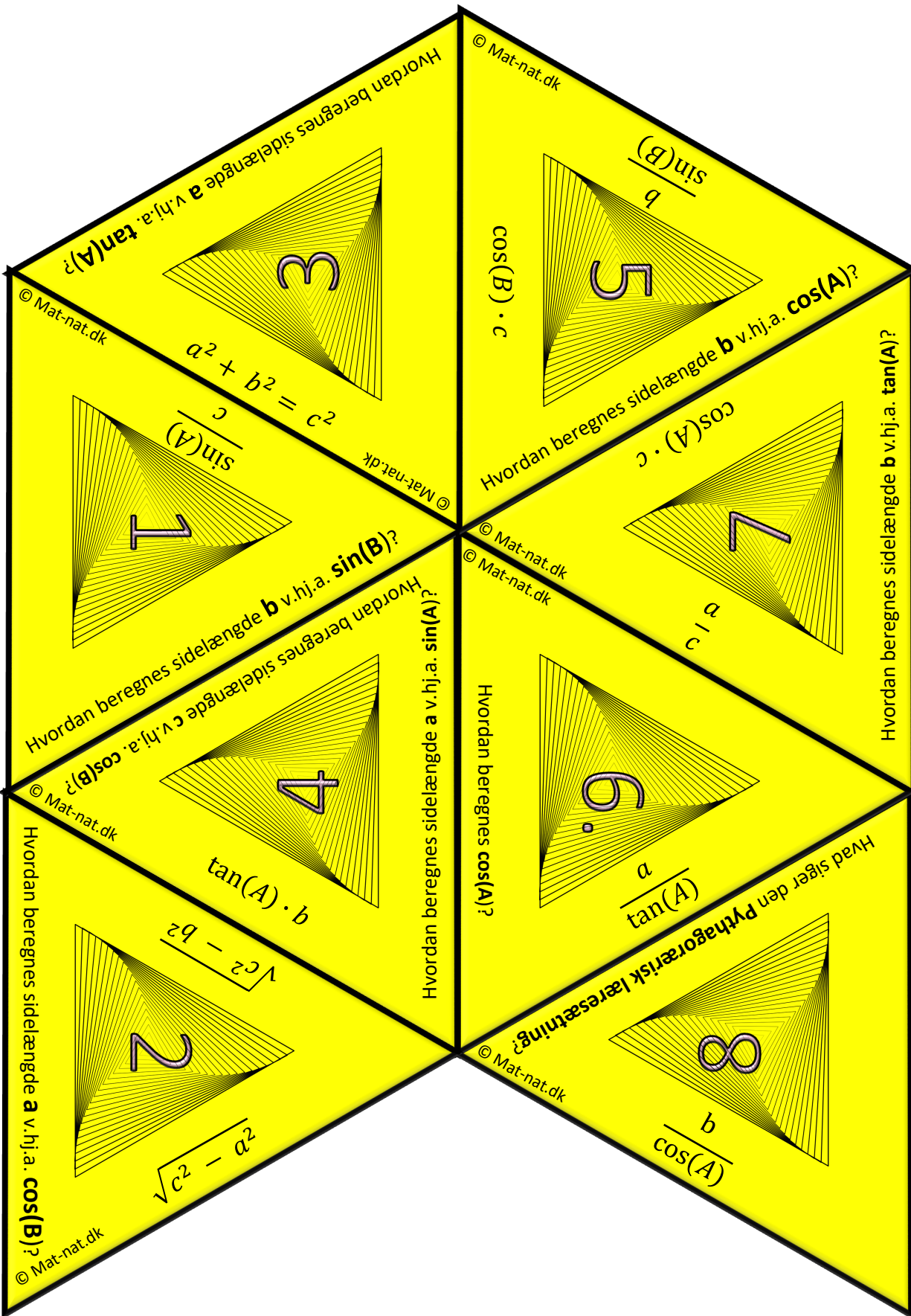
$$\frac{c \cdot \cos(B)}{\cos(B)}$$

Hvordan beregnes sidelængde **b** v.hj.a. **cos(A)**?



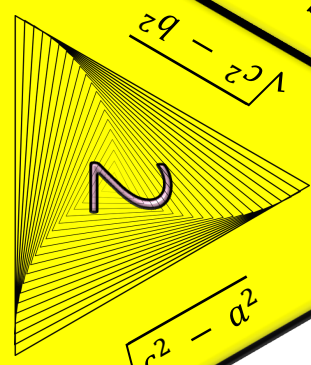
$$\frac{a \cdot \sin(A)}{\sin(A)}$$

© Mat-nat.dk



© Mat-nat.dk

Hvordan beregnes sidelængde **a** v.hj.a. **cos(B)**?

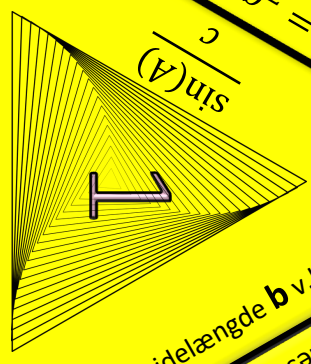


$$\sqrt{c^2 - a^2}$$

2

© Mat-nat.dk

Hvordan beregnes sidelængde **c** v.hj.a. **cos(B)**?

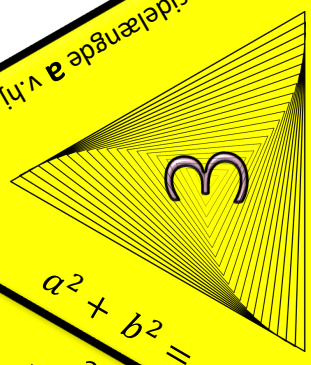


$$\frac{a}{\cos(A)}$$

1

© Mat-nat.dk

Hvordan beregnes sidelængde **a** v.hj.a. **tan(A)**?

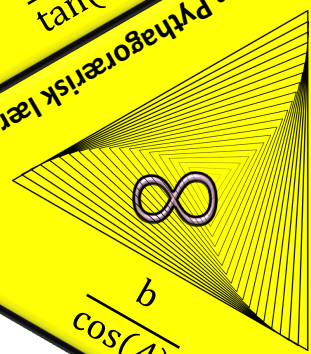


$$a^2 + b^2 = c^2$$

3

© Mat-nat.dk

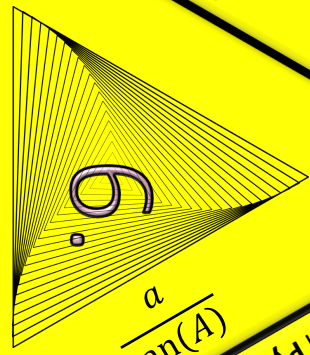
Hvad siger den **Pythagoræisk læresetning**?



$$\frac{b}{\cos(A)}$$

8

Hvordan beregnes **cos(A)**?

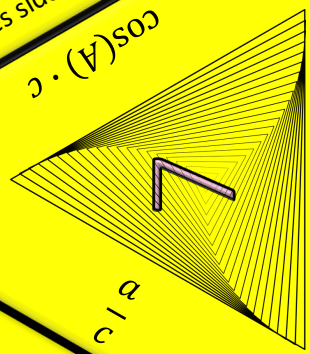


$$\frac{a}{\tan(A)}$$

6

© Mat-nat.dk

Hvordan beregnes sidelængde **b** v.hj.a. **tan(A)**?

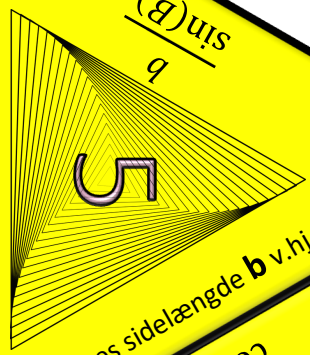


$$a \cdot c$$

7

© Mat-nat.dk

Hvordan beregnes sidelængde **b** v.hj.a. **cos(A)**?



$$\frac{b \sin(B)}{\sin(A)}$$

5

Hvordan beregnes sidelængde **b** v.hj.a. **tan(A)**?

$$\cos(B) \cdot c$$

© Mat-nat.dk

Hvordan beregnes sidelængde **a** v.hj.a. Pythagoras?

13

5

a

© Mat-nat.dk

Hvordan beregnes **tan(A)**?

15

a

b

© Mat-nat.dk

Hvordan beregnes sidelængde **a** v.hj.a. **cos(B)**?

15

a

© Mat-nat.dk

Hvad er fællesbetegnelsen for sinus, cosinus og tangens?

1

1

A

© Mat-nat.dk

Hvordan beregnes sidelængde **a** v.hj.a. **sin(A)**?

6

a

© Mat-nat.dk

Hvordan beregnes sidelængde **b** v.hj.a. **cos(A)**?

6

b

© Mat-nat.dk

Hvordan beregnes sidelængde **c** v.hj.a. **cos(A)**?

14

c

© Mat-nat.dk

Trigonometri!

16

c

© Mat-nat.dk

Hvordan beregnes sidelængde **b** v.hj.a. Pythagoras?

12

5

b

© Mat-nat.dk

Hvordan beregnes sidelængde **c** v.hj.a. **sin(A)**?

10

c

© Mat-nat.dk

Hvordan beregnes sidelængde **c** v.hj.a. **sin(B)**?

10

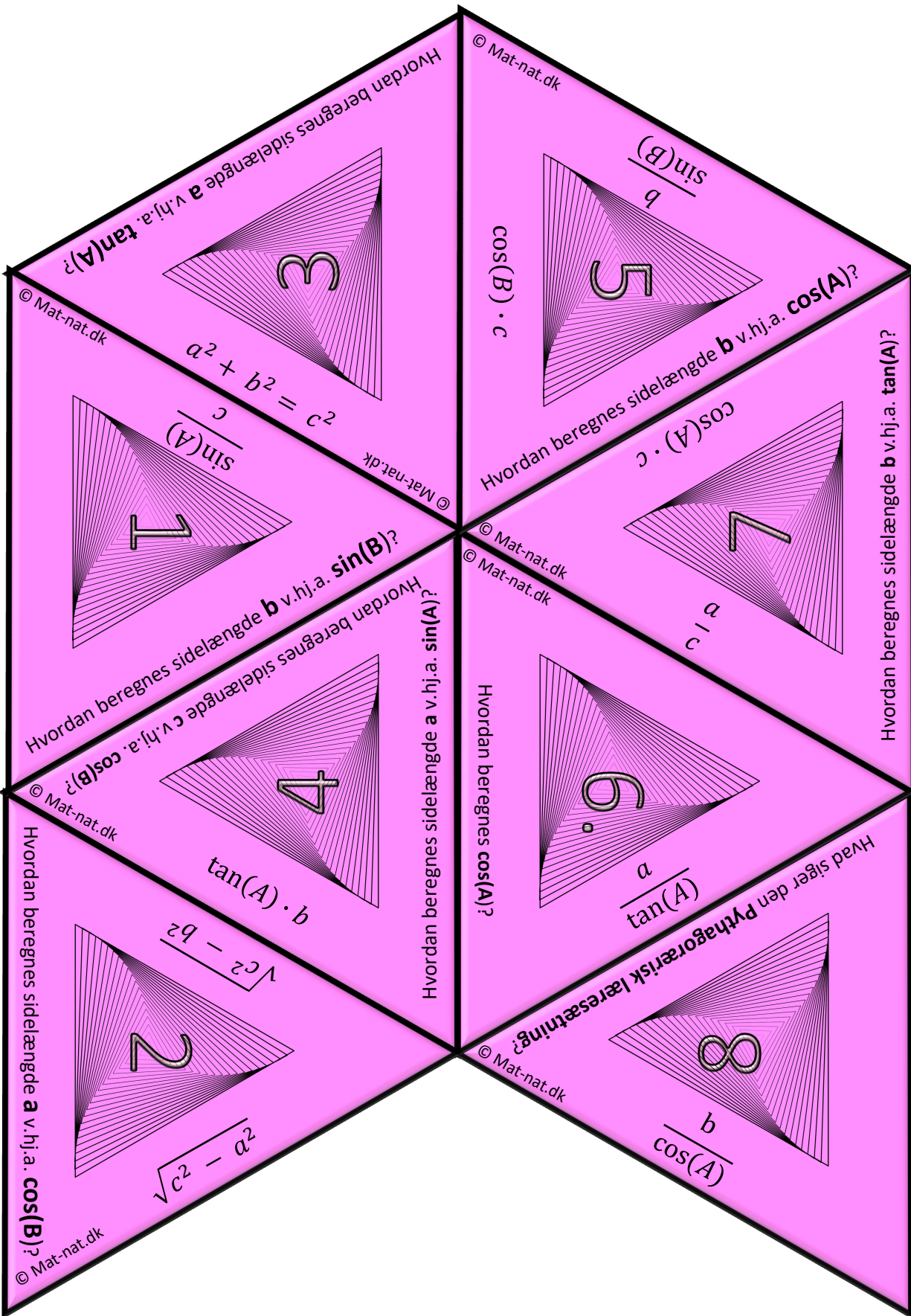
c

© Mat-nat.dk

Hvordan beregnes sidelængde **c** v.hj.a. **cos(B)**?

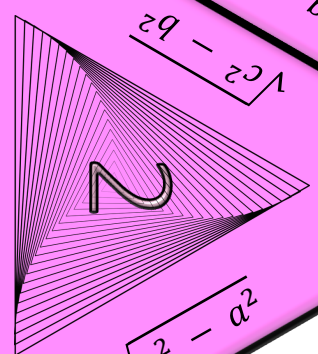
10

c



© Mat-nat.dk

Hvordan beregnes sidelængde **a** v.hj.a. **cos(B)**?

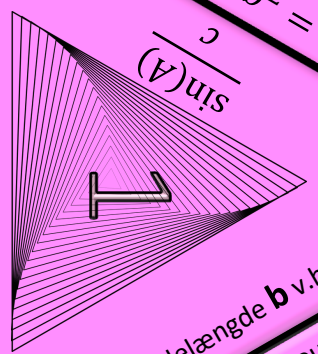


$$\sqrt{c^2 - a^2}$$

2

© Mat-nat.dk

Hvordan beregnes sidelængde **c** v.hj.a. **cos(B)**?

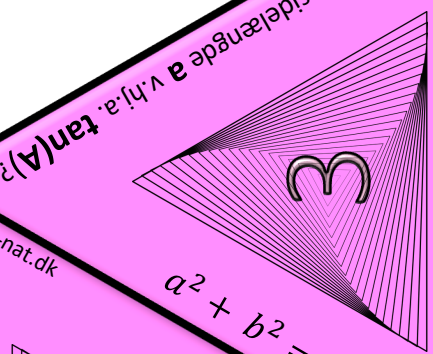


$$\frac{a}{\cos(A)}$$

1

© Mat-nat.dk

Hvordan beregnes sidelængde **a** v.hj.a. **tan(A)**?

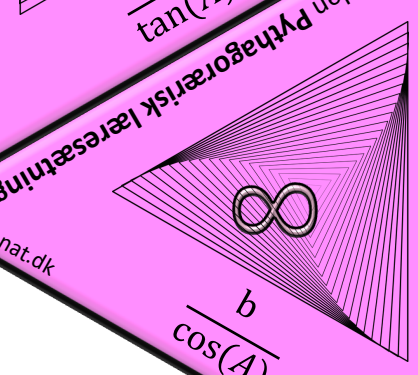


$$a^2 + b^2 = c^2$$

3

© Mat-nat.dk

Hvordan beregnes **cos(A)**?

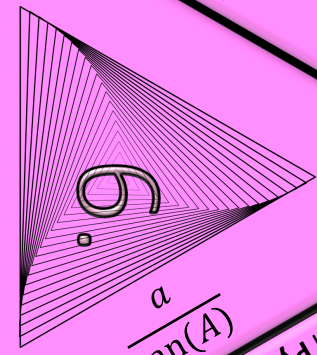


$$\frac{b}{\cos(A)}$$

8

© Mat-nat.dk

Hvordan beregnes sidelængde **a** v.hj.a. **sin(A)**?

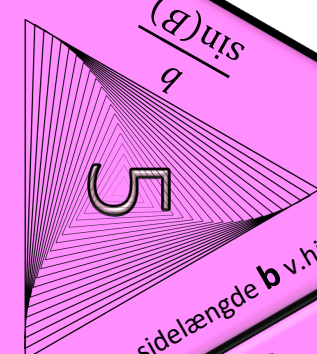


$$\frac{a}{\tan(A)}$$

6

© Mat-nat.dk

Hvordan beregnes sidelængde **b** v.hj.a. **tan(A)**?

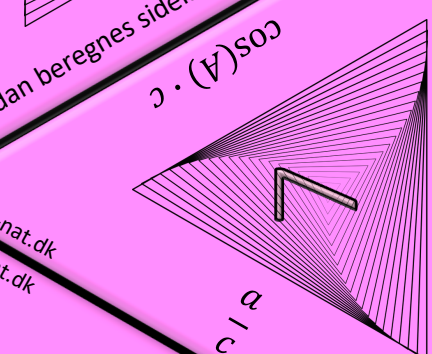


$$\frac{b}{\sin(B)}$$

5

© Mat-nat.dk

Hvordan beregnes sidelængde **b** v.hj.a. **cos(A)**?

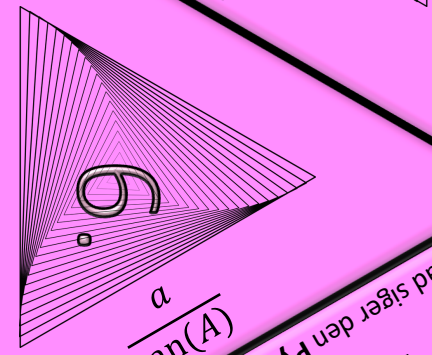


$$\cos(A) \cdot c$$

7

© Mat-nat.dk

Hvordan beregnes **cos(A)**?

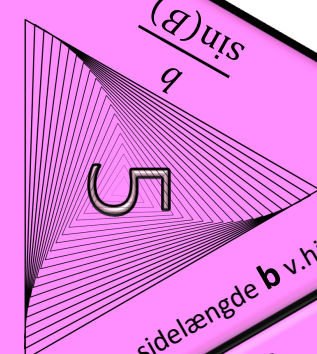


$$a \cdot c$$

4

© Mat-nat.dk

Hvordan beregnes sidelængde **b** v.hj.a. **sin(A)**?

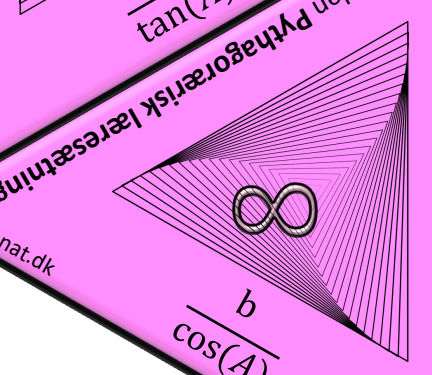


$$\cos(B) \cdot c$$

5

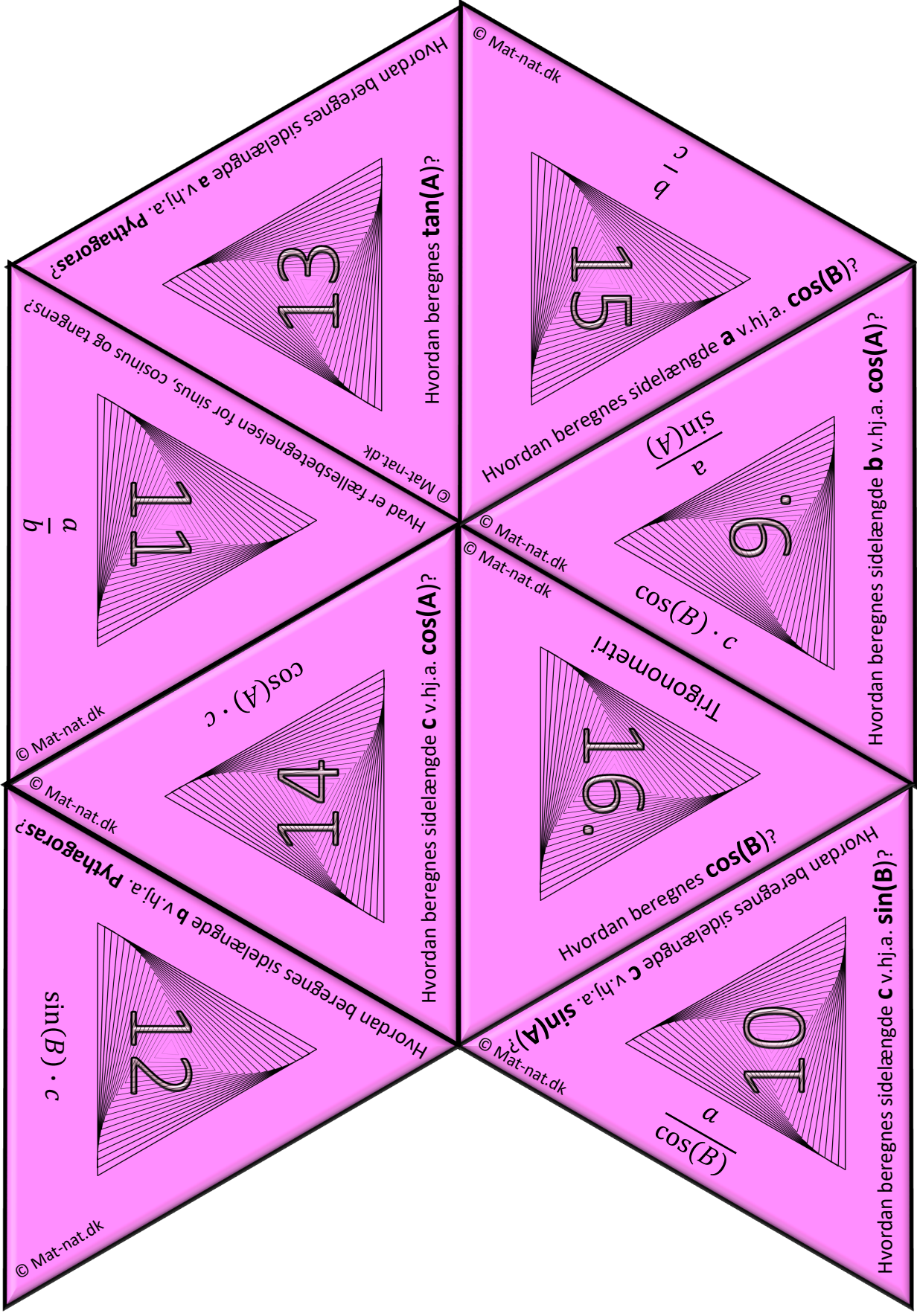
© Mat-nat.dk

Hvordan beregnes sidelængde **b** v.hj.a. **tan(A)**?



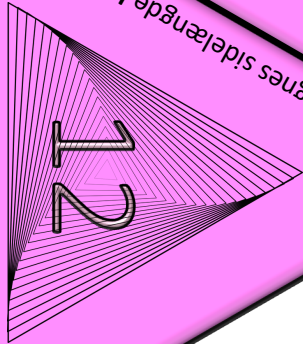
$$\frac{b}{\cos(A)}$$

8



© Mat-nat.dk

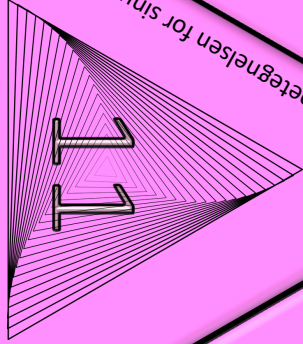
$$\sin(B) \cdot c$$



© Mat-nat.dk

© Mat-nat.dk

$$\frac{a}{b}$$

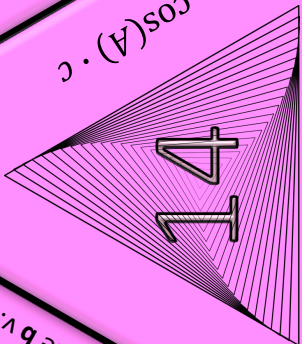


Hvad er fællesbetegnelsen for sinus, cosinus og tangens?

Hvordan beregnes sidelængde **a** v.hj.a. Pythagoras?

© Mat-nat.dk

$$\cos(A) \cdot c$$



Hvordan beregnes sidelængde **c** v.hj.a. **cos(A)**?

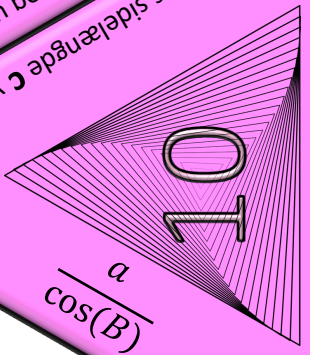
© Mat-nat.dk

Hvordan beregnes sidelængde **c** v.hj.a. **sin(A)**?

© Mat-nat.dk

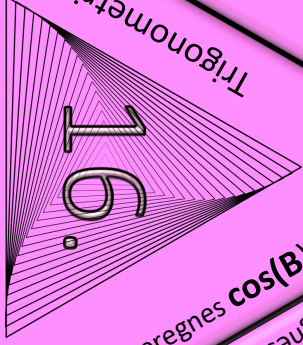
© Mat-nat.dk

$$\frac{a}{\cos(B)}$$



Hvordan beregnes sidelængde **c** v.hj.a. **cos(B)**?

$$16 \cdot \cos(B)$$



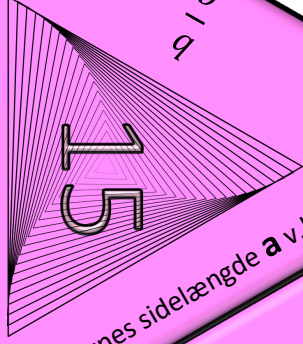
Trigonometri

$$\frac{\sin(A)}{a}$$

Hvordan beregnes sidelængde **a** v.hj.a. **cos(B)**?

© Mat-nat.dk

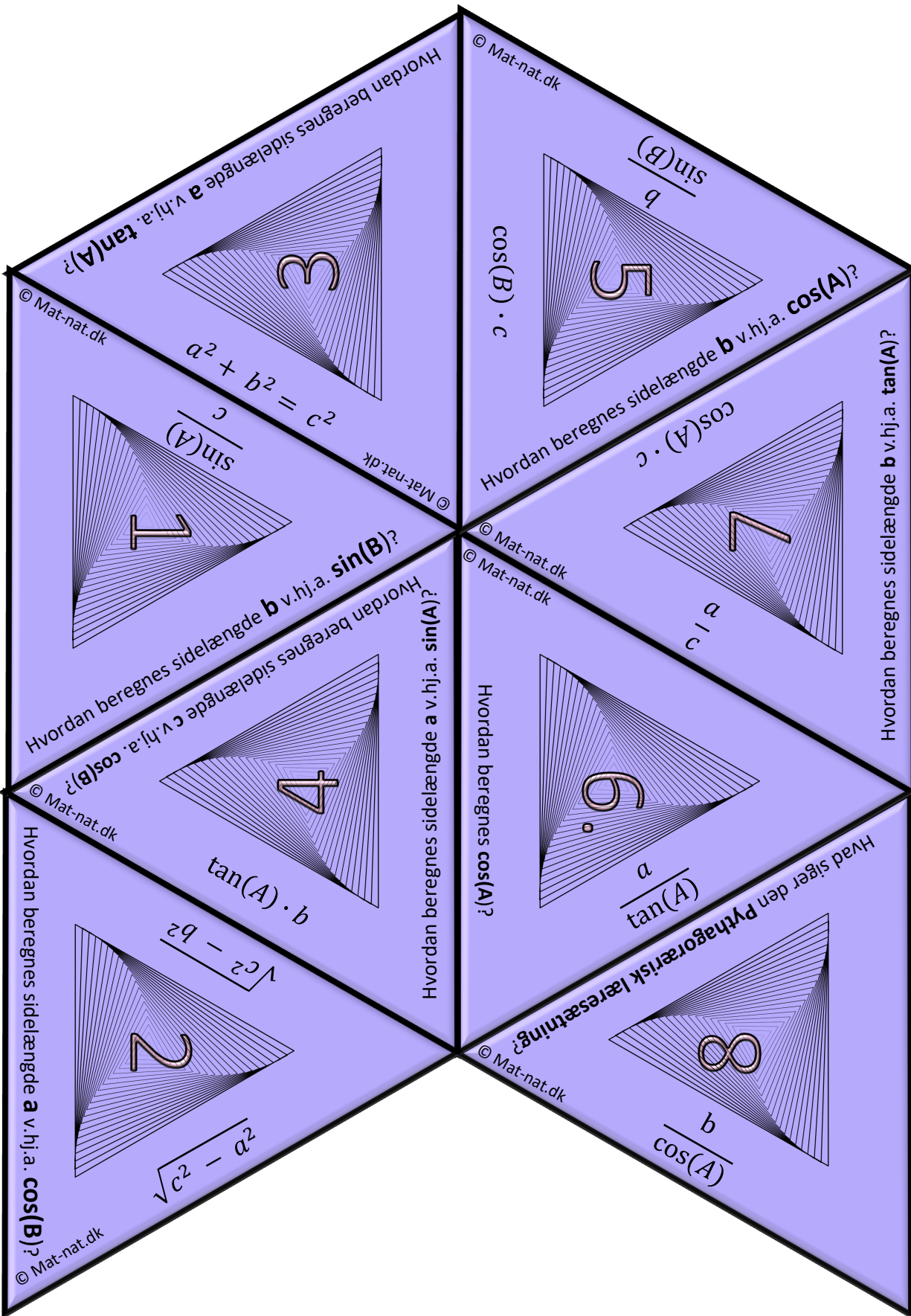
$$\frac{c}{15}$$



Hvordan beregnes **tan(A)**?

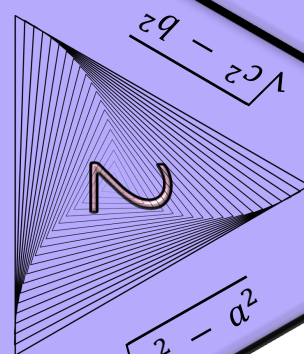
Hvordan beregnes sidelængde **b** v.hj.a. **cos(A)**?

Hvordan beregnes sidelængde **c** v.hj.a. **sin(B)**?



© Mat-nat.dk

Hvordan beregnes sidelængde **a** v.hj.a. **cos(B)**?

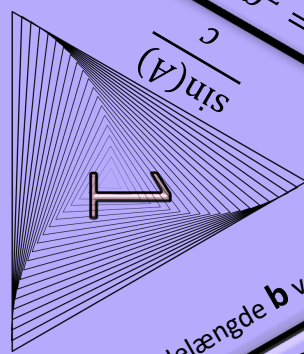


$$\sqrt{c^2 - a^2}$$

2

© Mat-nat.dk

Hvordan beregnes sidelængde **c** v.hj.a. **cos(B)**?

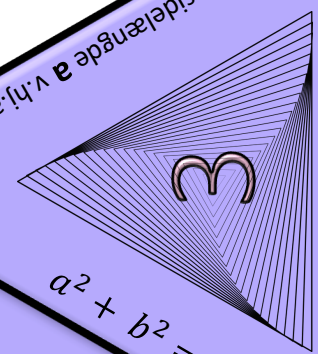


$$\frac{b}{\sin(A)}$$

1

© Mat-nat.dk

Hvordan beregnes sidelængde **a** v.hj.a. **tan(A)**?

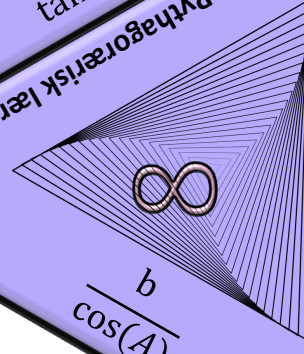


$$a^2 + b^2 = c^2$$

3

© Mat-nat.dk

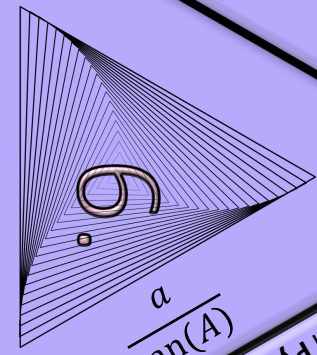
Hvad siger den **Pythagoræisk læresætning**?



$$\frac{b}{\cos(A)}$$

8

Hvordan beregnes **cos(A)**?

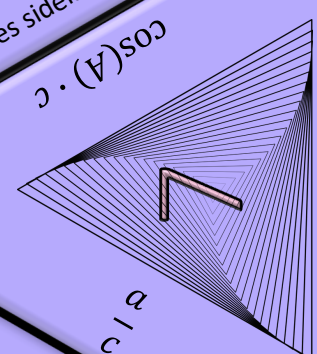


$$\frac{a}{\tan(A)}$$

6

© Mat-nat.dk

Hvordan beregnes sidelængde **b** v.hj.a. **tan(A)**?

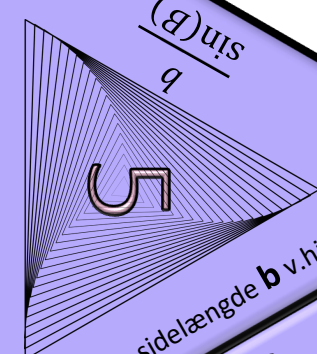


a / c

7

© Mat-nat.dk

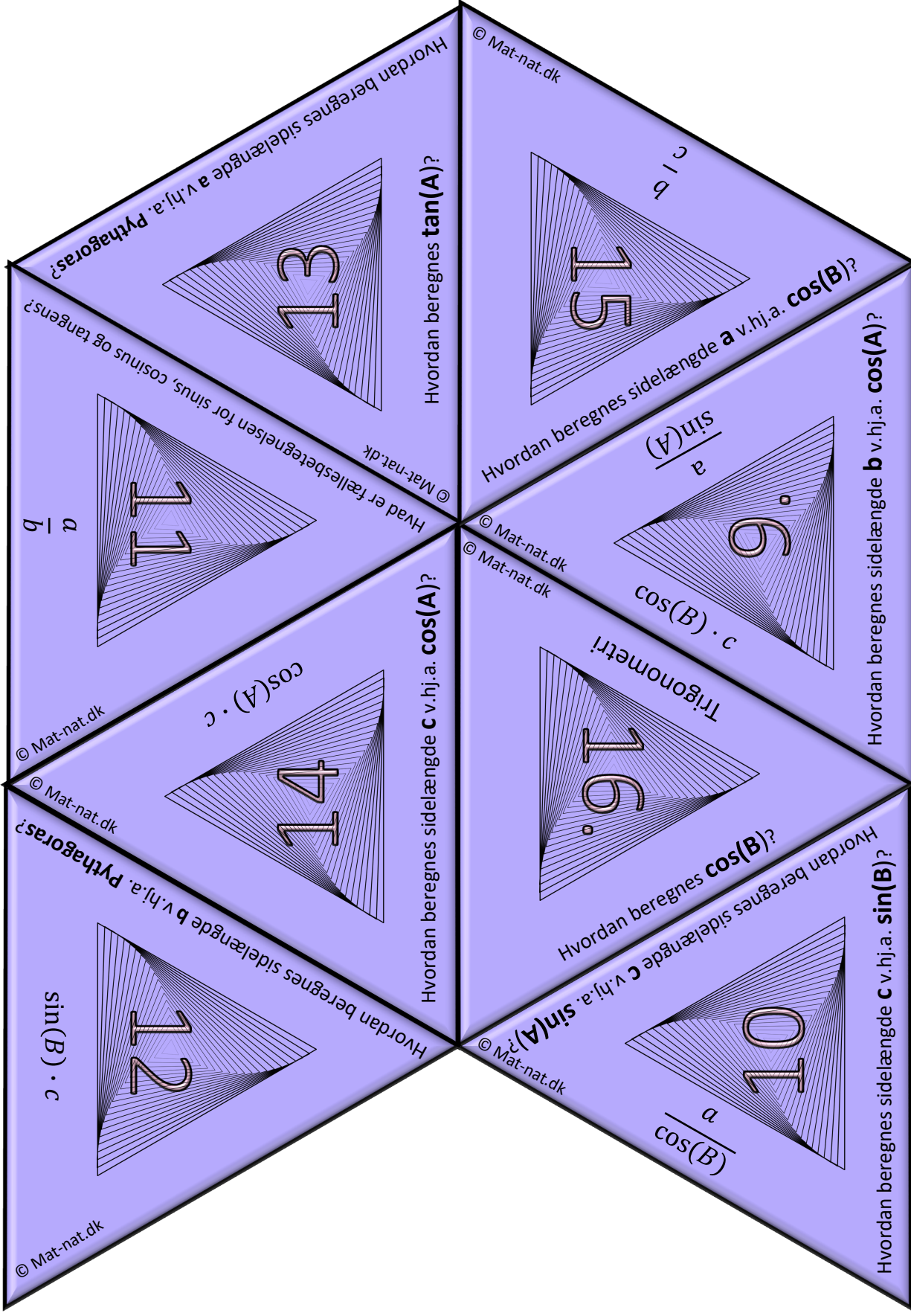
Hvordan beregnes sidelængde **b** v.hj.a. **cos(A)**?



$$\frac{b \sin(B)}{c}$$

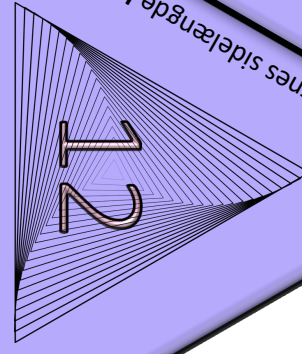
5

cos(B) · c



© Mat-nat.dk

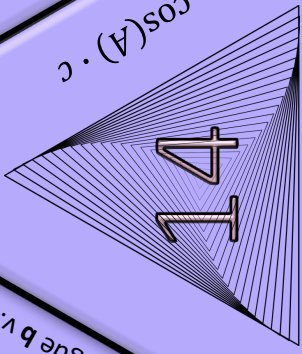
$$\sin(B) \cdot c$$



Hvordan beregnes sidelængde **b** v.hj.a. **Pythagoras?**

© Mat-nat.dk

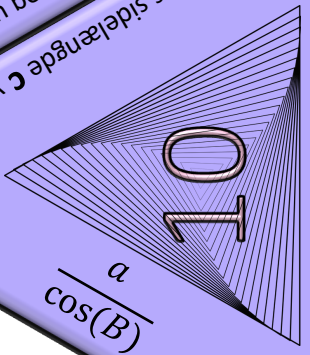
$$\cos(A) \cdot c$$



Hvordan beregnes sidelængde **c** v.hj.a. **cos(A)?**

© Mat-nat.dk

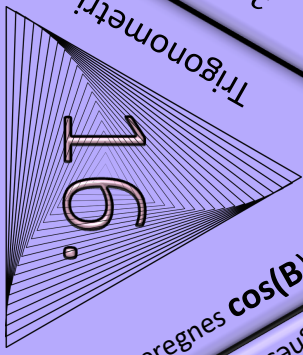
$$\frac{a}{\cos(B)}$$



Hvordan beregnes sidelængde **c** v.hj.a. **sin(A)?**

© Mat-nat.dk

$$\cos(B) \cdot c$$

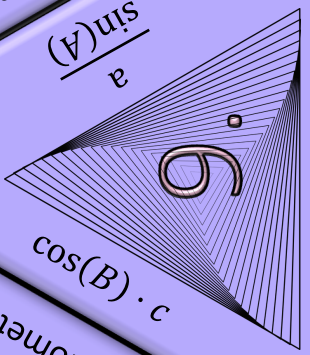


Hvordan beregnes **cos(B)?**

Trigonometri

© Mat-nat.dk

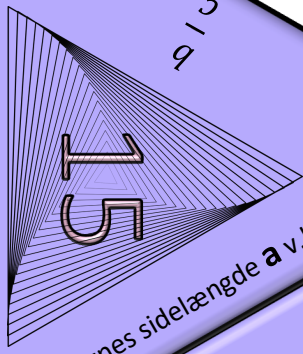
$$\frac{\sin(A)}{a}$$



Hvordan beregnes sidelængde **a** v.hj.a. **cos(B)?**

© Mat-nat.dk

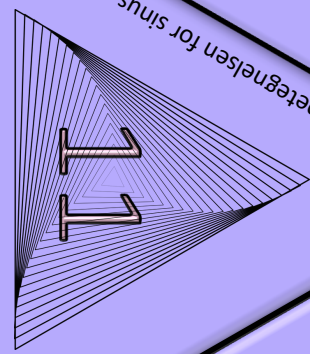
$$\tan(A)$$



Hvordan beregnes **tan(A)?**

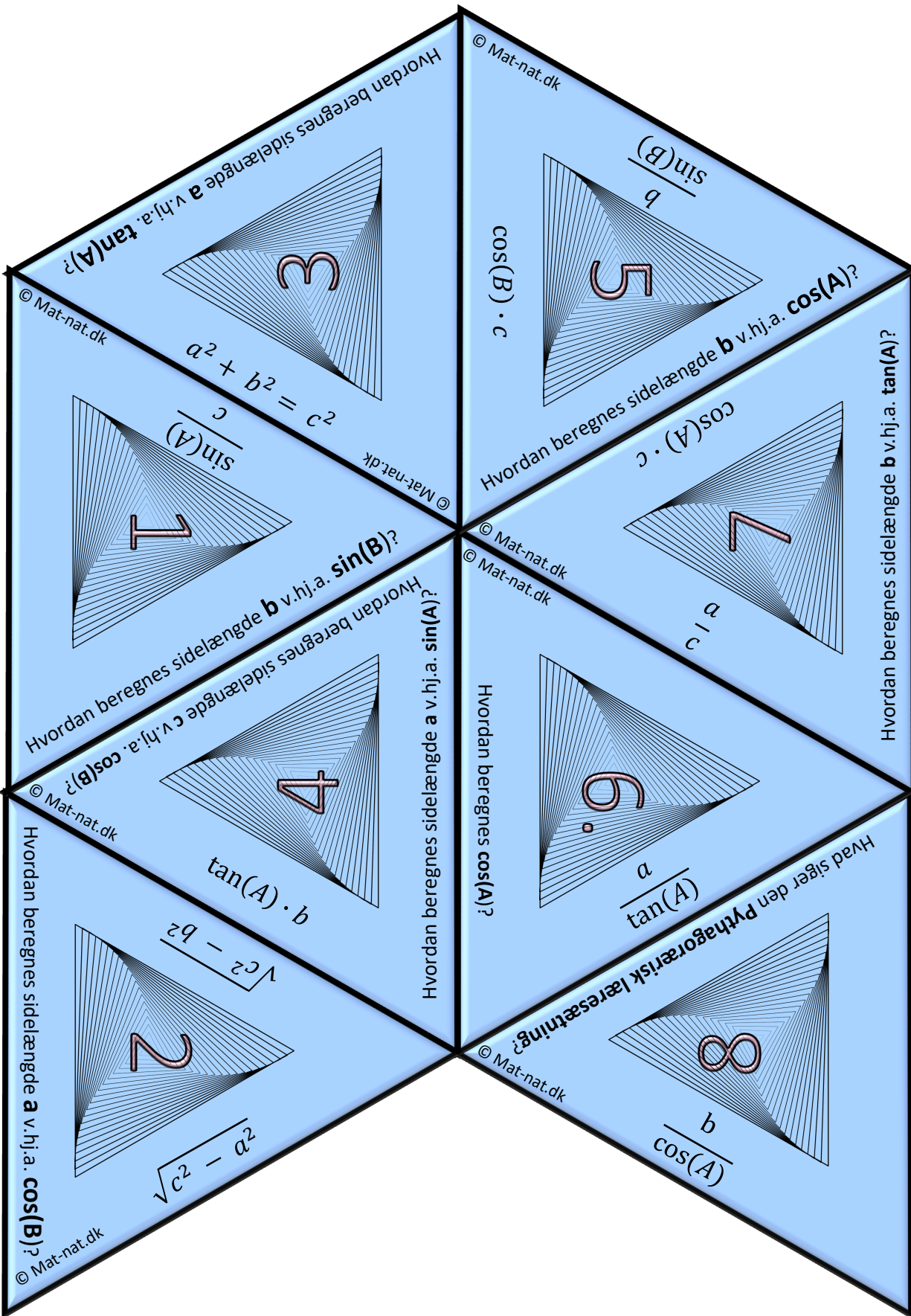
Hvad er fællesbetegnelsen for sinus, cosinus og tangens?

$$\frac{a}{b}$$



Hvordan beregnes sidelængde **a** v.hj.a. **Pythagoras?**

© Mat-nat.dk



© Mat-nat.dk

© Mat-nat.dk

© Mat-nat.dk

© Mat-nat.dk

© Mat-nat.dk

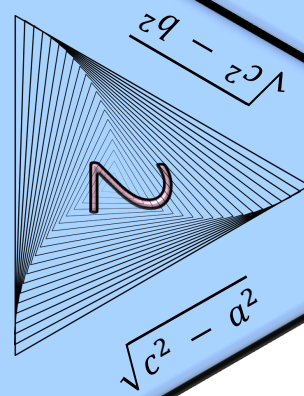
© Mat-nat.dk

© Mat-nat.dk

© Mat-nat.dk

© Mat-nat.dk

Hvordan beregnes sidelængde **a** v.hj.a. **cos(B)**?



$$\sqrt{c^2 - a^2}$$

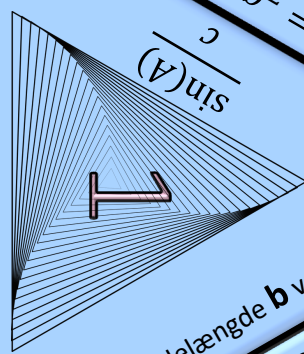
2

$$\sqrt{c^2 - b^2}$$

$$\tan(A) \cdot b$$

4

Hvordan beregnes sidelængde **b** v.hj.a. **sin(B)**?



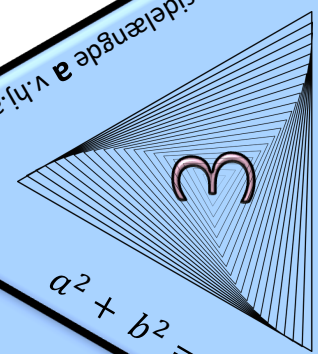
$$\frac{\sin(A)}{c}$$

1

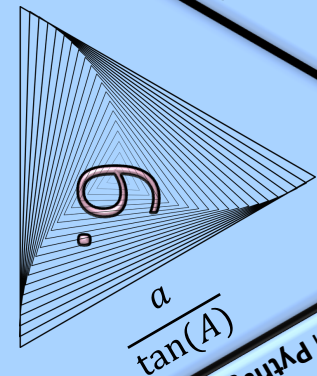
$$a^2 + b^2 = c^2$$

3

Hvordan beregnes sidelængde **a** v.hj.a. **tan(A)**?



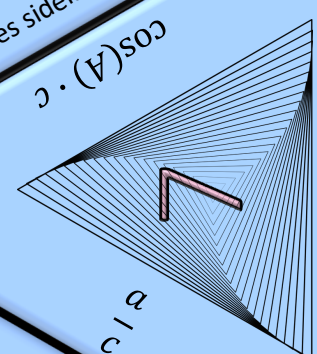
Hvordan beregnes **cos(A)**?



$$\frac{a}{\tan(A)}$$

6

Hvordan beregnes sidelængde **b** v.hj.a. **cos(A)**?



$$\frac{a}{c}$$

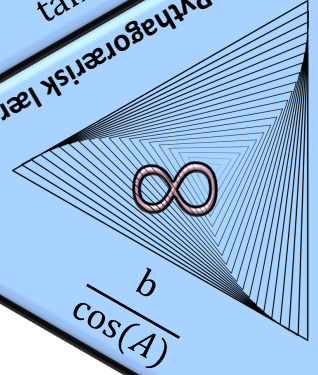
7

$$\cos(B) \cdot c$$

5

$$\frac{\sin(B)}{b}$$

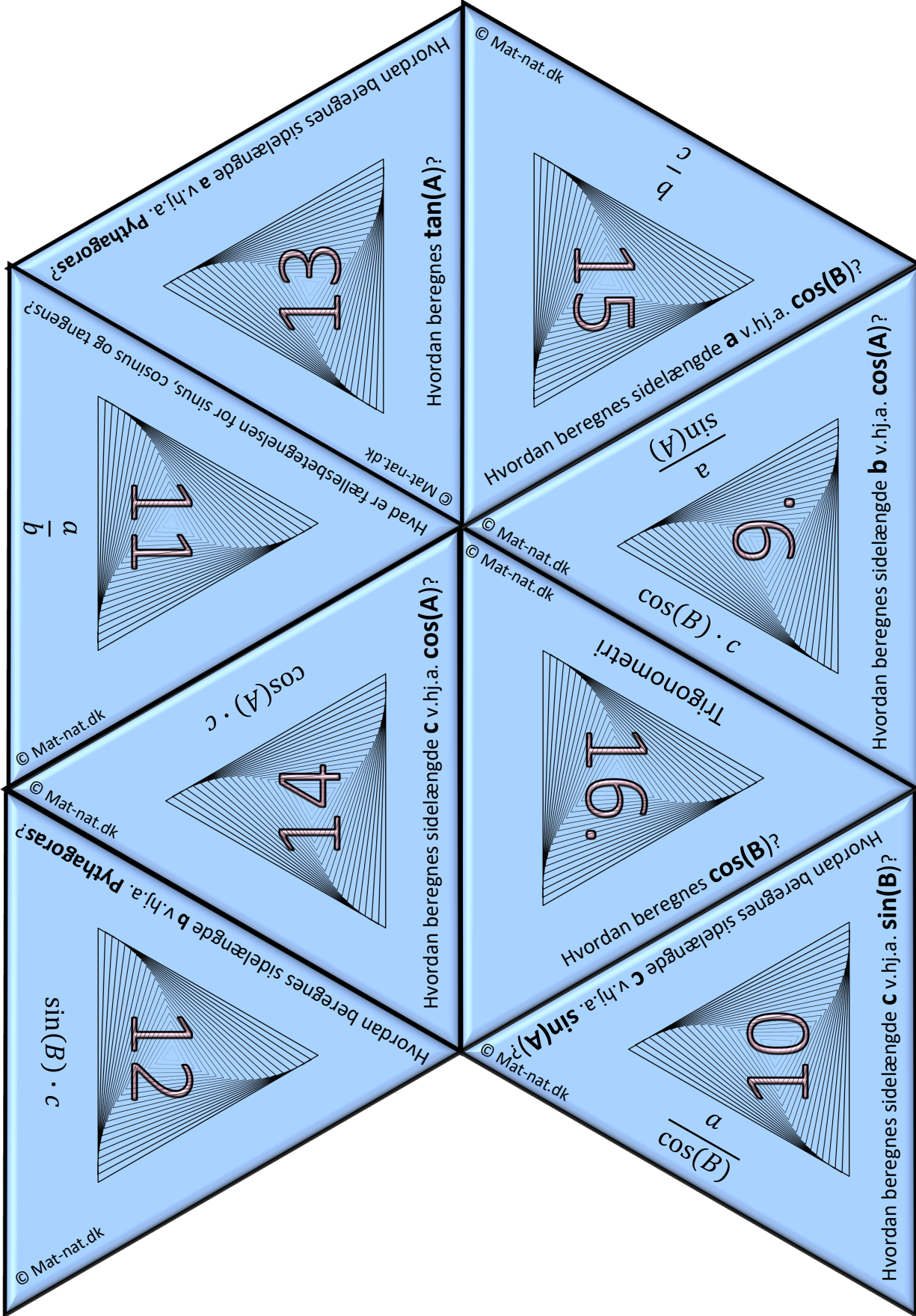
Hvordan beregnes sidelængde **b** v.hj.a. **tan(A)**?



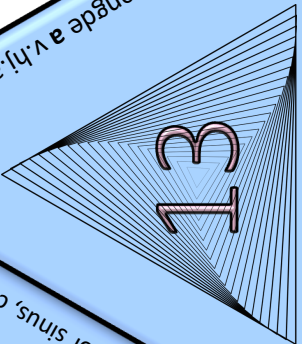
$$\frac{b}{\cos(A)}$$

8

Hvad siger den **Pythagoræisk læresætning**?



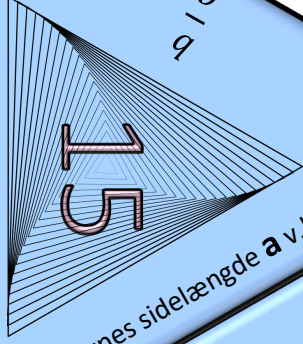
Hvordan beregnes sidelængde **a** v.hj.a. Pythagoras?



Hvordan beregnes **tan(A)**?

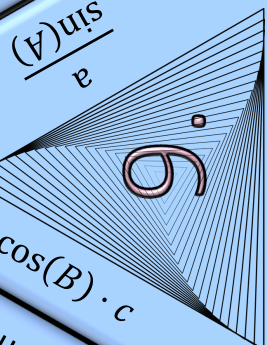
© Mat-nat.dk

Hvordan beregnes sidelængde **a** v.hj.a. **cos(B)**?



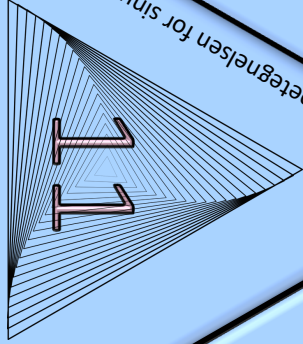
c
 b

© Mat-nat.dk



Hvordan beregnes sidelængde **b** v.hj.a. **cos(A)**?

Hvad er fællesbetegnelsen for sinus, cosinus og tangens?

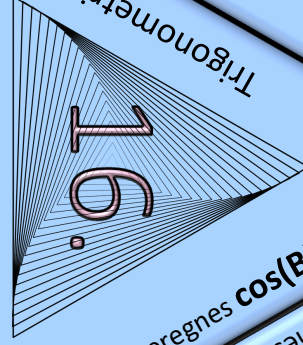


a
 b

© Mat-nat.dk

© Mat-nat.dk

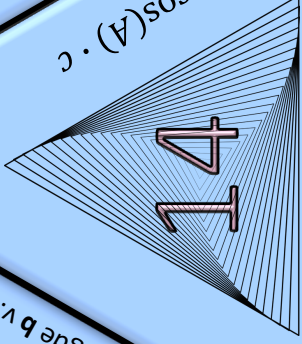
Trigonometri



Hvordan beregnes sidelængde **c** v.hj.a. **cos(A)**?

© Mat-nat.dk

Hvordan beregnes sidelængde **b** v.hj.a. Pythagoras?

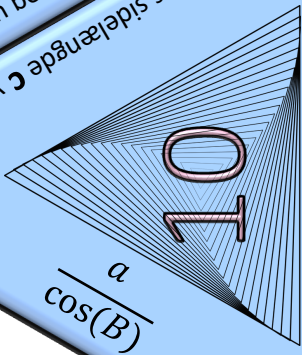


$\sin(B) \cdot c$

© Mat-nat.dk

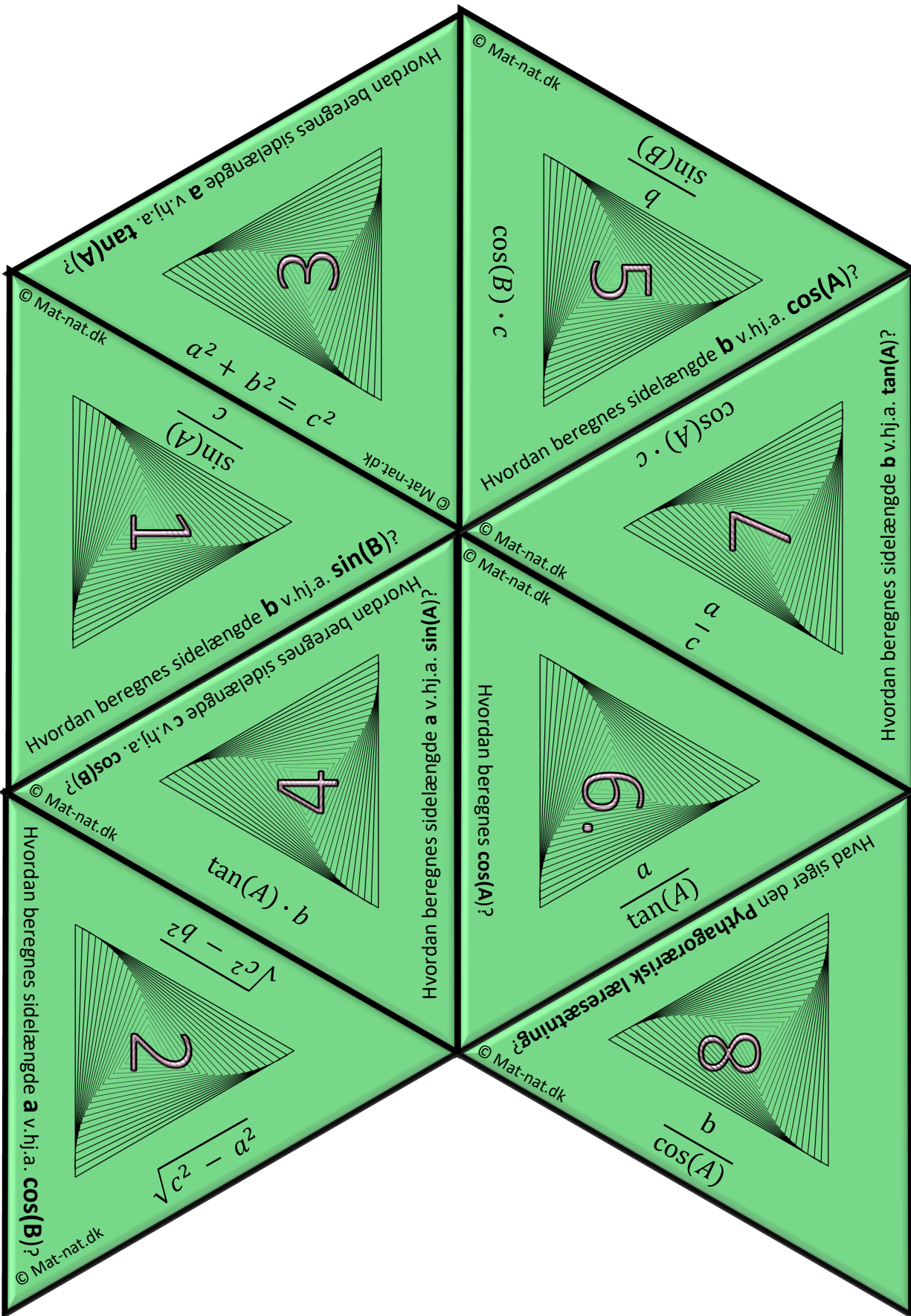
© Mat-nat.dk

Hvordan beregnes sidelængde **c** v.hj.a. **sin(A)**?



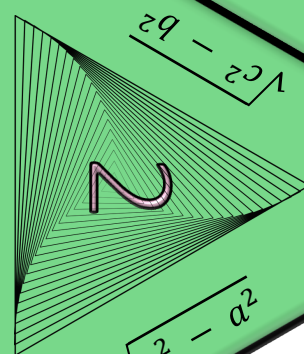
Hvordan beregnes sidelængde **c** v.hj.a. **sin(B)**?

Hvordan beregnes **cos(B)**?



© Mat-nat.dk

Hvordan beregnes sidelængde **a** v.hj.a. **cos(B)**?

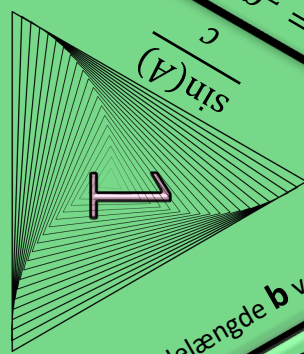


$$\sqrt{c^2 - a^2}$$

1

© Mat-nat.dk

Hvordan beregnes sidelængde **c** v.hj.a. **cos(B)**?

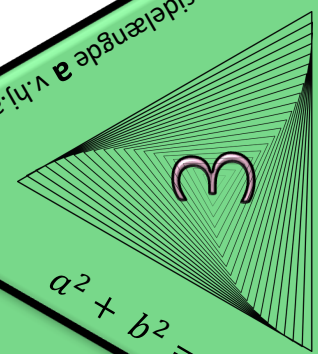


$$\frac{a}{\cos(B)}$$

2

© Mat-nat.dk

Hvordan beregnes sidelængde **a** v.hj.a. **tan(A)**?

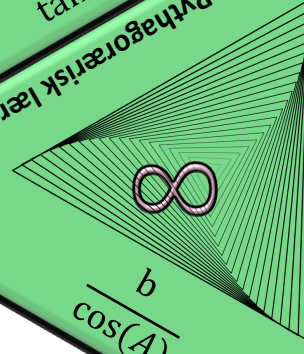


$$c \cdot \sin(A)$$

3

© Mat-nat.dk

Hvad siger den Pythagoræisk læresætning?

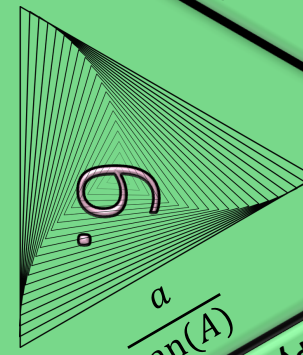


$$\frac{b}{\cos(A)}$$

4

© Mat-nat.dk

Hvordan beregnes sidelængde **a** v.hj.a. **sin(A)**?

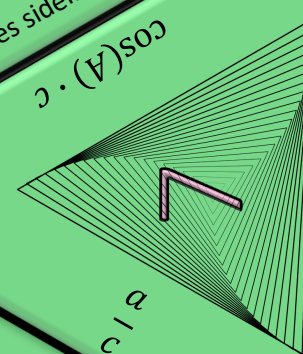


$$\frac{a}{\tan(A)}$$

5

© Mat-nat.dk

Hvordan beregnes sidelængde **b** v.hj.a. **cos(A)**?

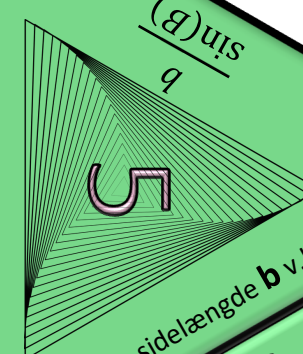


$$\frac{b}{\sin(B)}$$

6

© Mat-nat.dk

Hvordan beregnes sidelængde **b** v.hj.a. **tan(A)**?

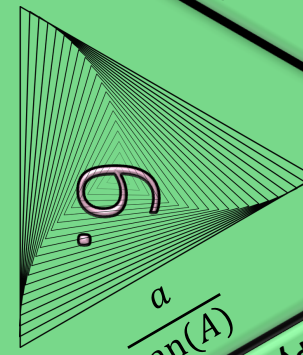


$$\cos(B) \cdot c$$

7

© Mat-nat.dk

Hvordan beregnes sidelængde **a** v.hj.a. **sin(A)**?

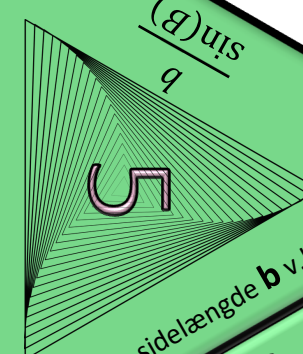


$$\frac{a}{\tan(A)}$$

8

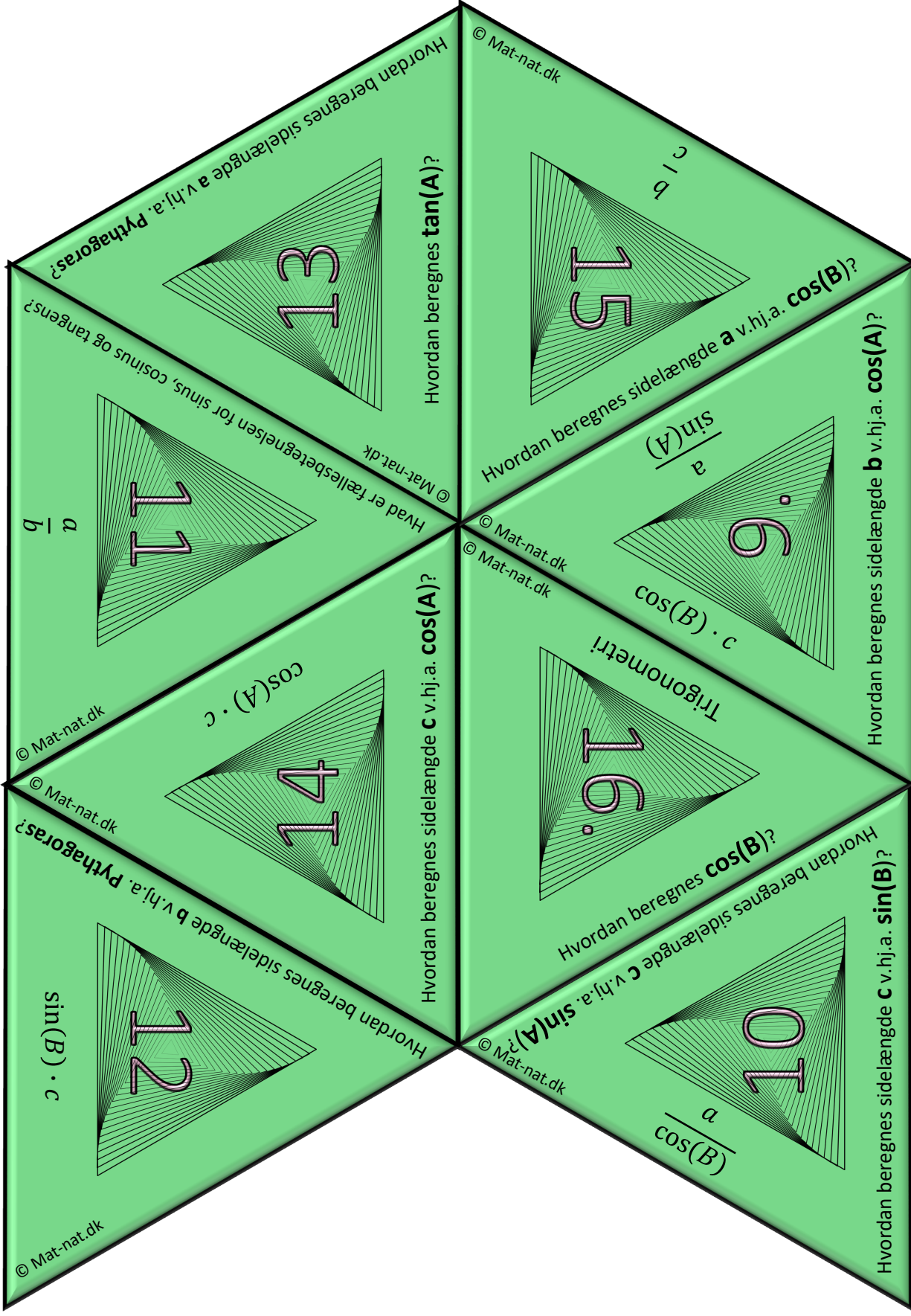
© Mat-nat.dk

Hvordan beregnes sidelængde **b** v.hj.a. **cos(A)**?



$$\cos(B) \cdot c$$

8



Hvordan beregnes sidelængde **a** v.hj.a. Pythagoras?

Hvad er fællesbetegnelsen for sinus, cosinus og tangens?

Hvordan beregnes sidelængde **b** v.hj.a. Pythagoras?

Hvordan beregnes sidelængde **c** v.hj.a. $\sin(A)$?

Hvordan beregnes sidelængde **c** v.hj.a. $\sin(B)$?

Hvordan beregnes **tan(A)**?

Hvordan beregnes sidelængde **a** v.hj.a. $\cos(B)$?

Hvordan beregnes sidelængde **b** v.hj.a. $\cos(A)$?

Hvordan beregnes sidelængde **c** v.hj.a. $\cos(B)$?

Hvordan beregnes sidelængde **c** v.hj.a. $\cos(A)$?

© Mat-nat.dk

© Mat-nat.dk

© Mat-nat.dk

© Mat-nat.dk

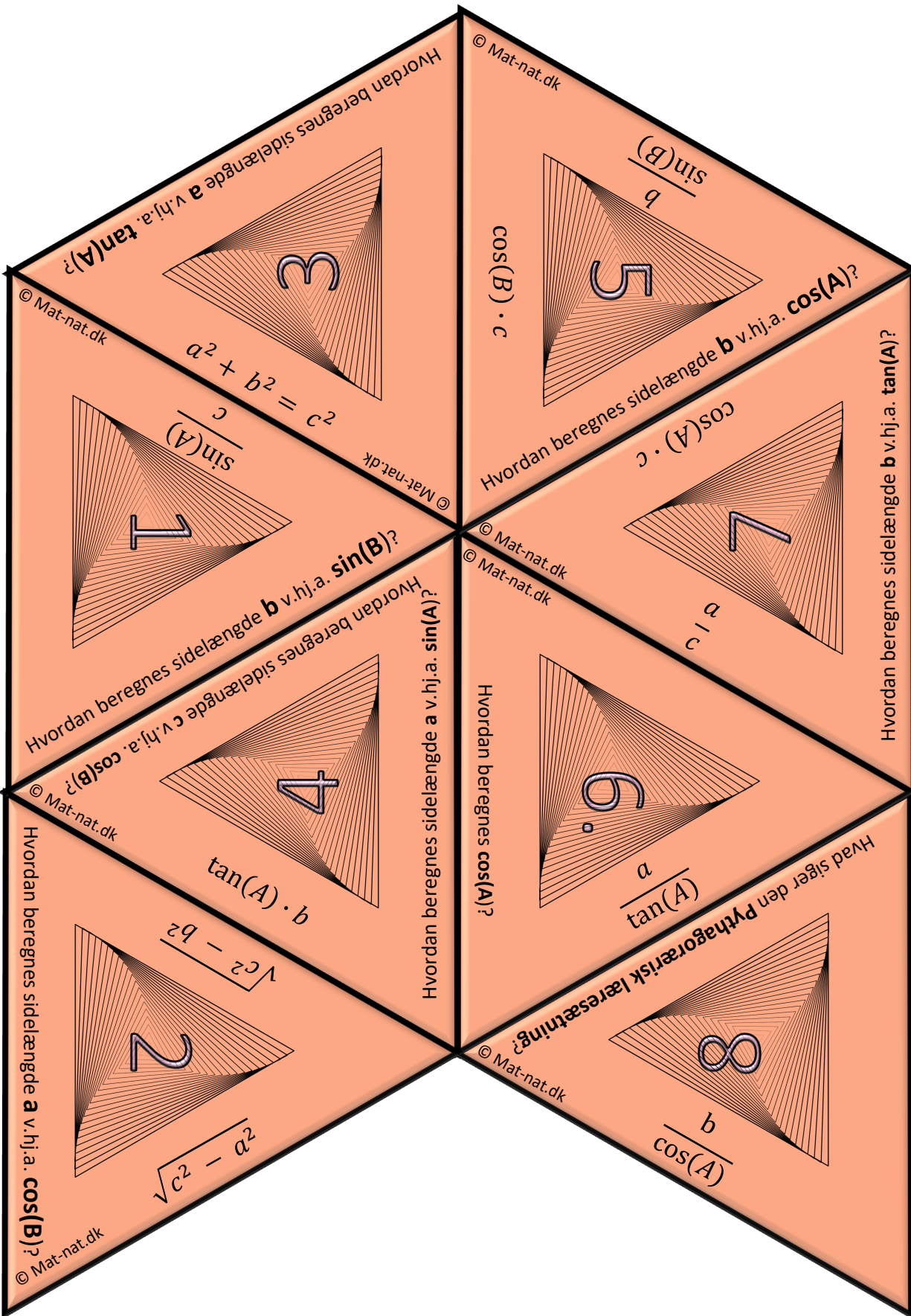
© Mat-nat.dk

© Mat-nat.dk

© Mat-nat.dk

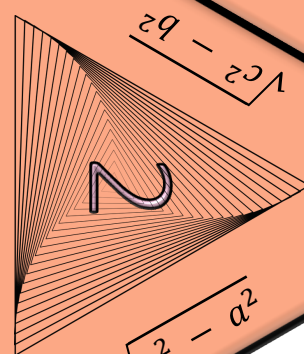
© Mat-nat.dk

Trigonometri



© Mat-nat.dk

Hvordan beregnes sidelængde **a** v.hj.a. **cos(B)**?



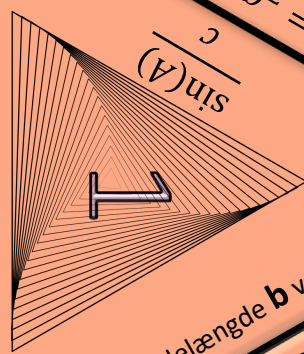
$$\sqrt{c^2 - a^2}$$

$$\tan(A) \cdot b$$

$$\sqrt{c^2 - b^2}$$

© Mat-nat.dk

Hvordan beregnes sidelængde **c** v.hj.a. **cos(B)**?

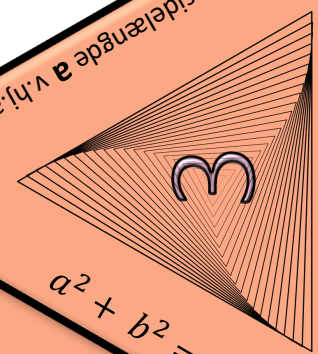


$$\frac{a}{\sin(A)}$$

$$a^2 + b^2 = c^2$$

© Mat-nat.dk

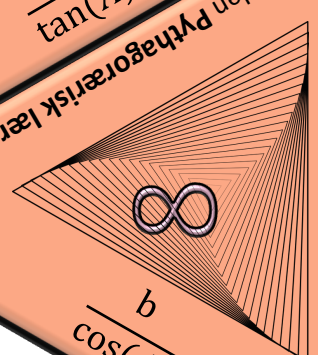
Hvordan beregnes sidelængde **a** v.hj.a. **tan(A)**?



© Mat-nat.dk

© Mat-nat.dk

Hvad siger den Pythagoræisk læresætning?

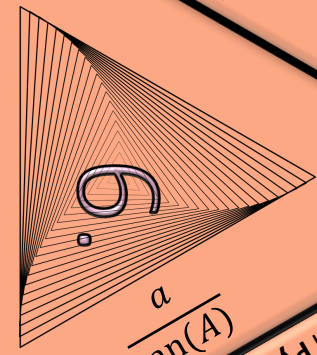


$$\frac{b}{\cos(A)}$$

$$\tan(A)$$

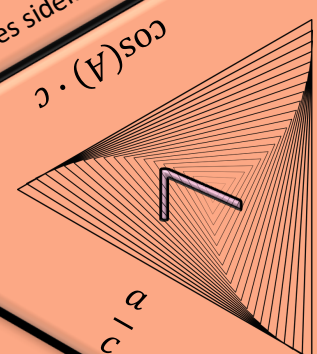
$$a$$

Hvordan beregnes **cos(A)**?



© Mat-nat.dk

Hvordan beregnes sidelængde **b** v.hj.a. **tan(A)**?

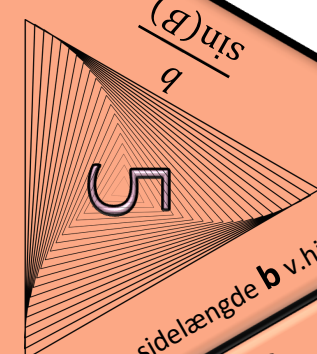


$$a \cdot c$$

$$\cos(A) \cdot c$$

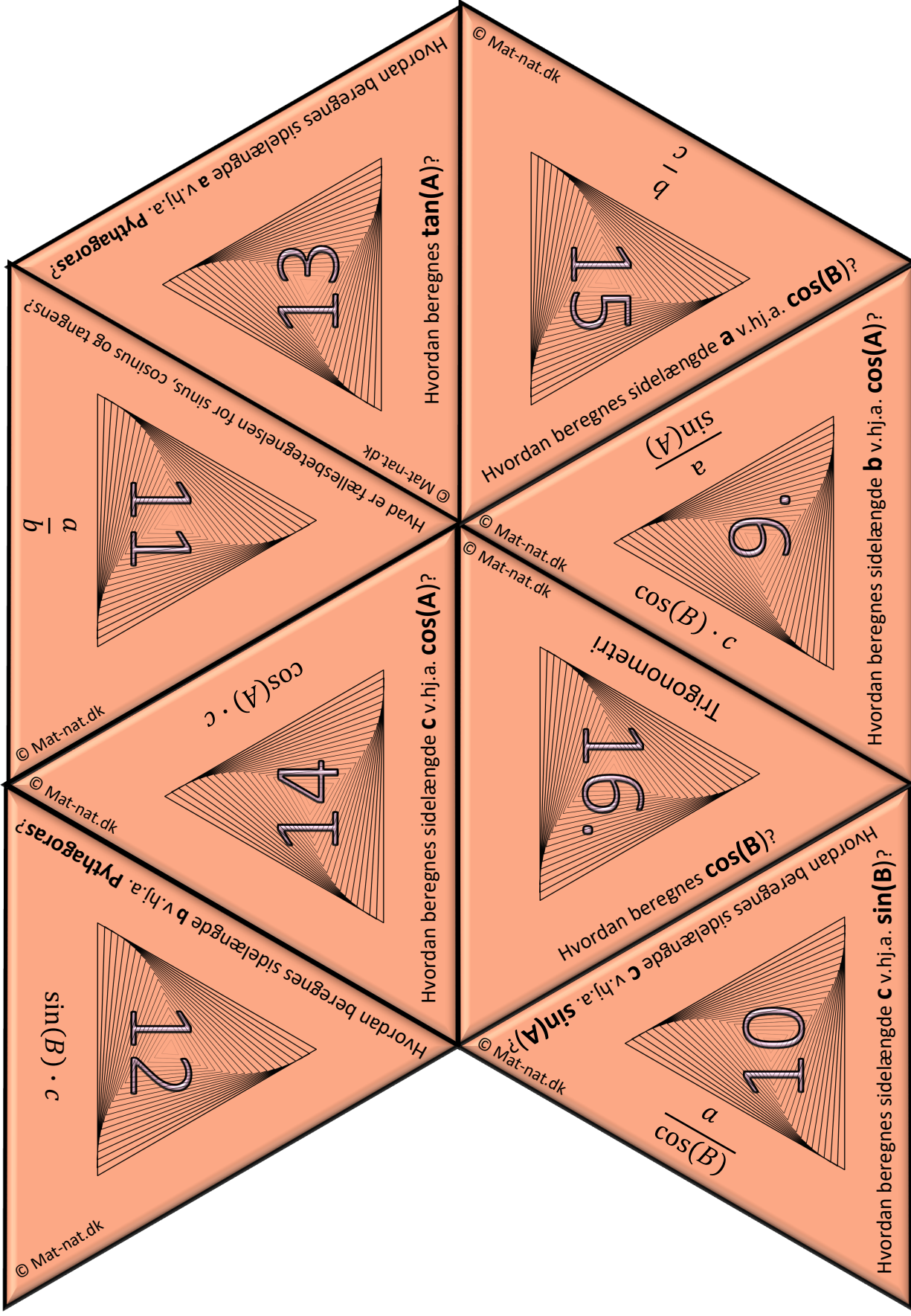
© Mat-nat.dk

Hvordan beregnes sidelængde **b** v.hj.a. **cos(A)**?



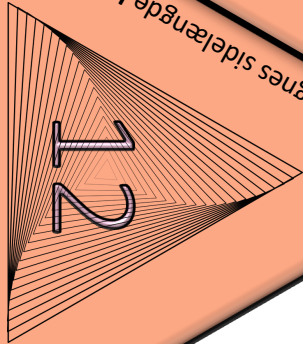
$$\cos(B) \cdot c$$

$$\frac{b}{\sin(B)}$$



© Mat-nat.dk

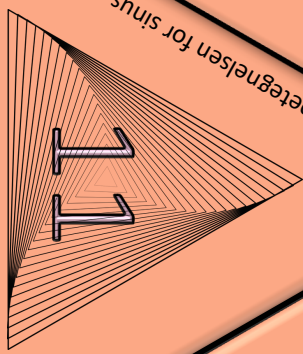
$$\sin(B) \cdot c$$



© Mat-nat.dk

© Mat-nat.dk

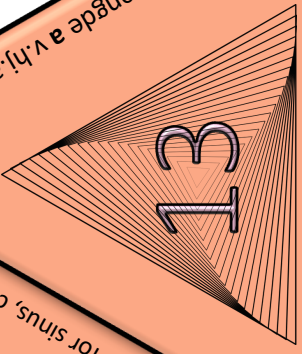
$$a - b$$



Hvad er fællesbetegnelsen for sinus, cosinus og tangens?

© Mat-nat.dk

Hvordan beregnes sidelængde **a** v.hj.a. Pythagoras?

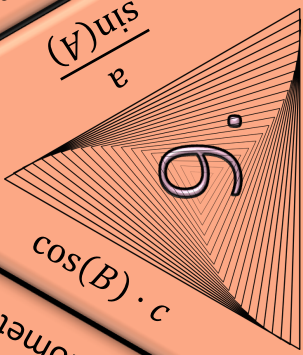


Hvordan beregnes **tan(A)**?

© Mat-nat.dk

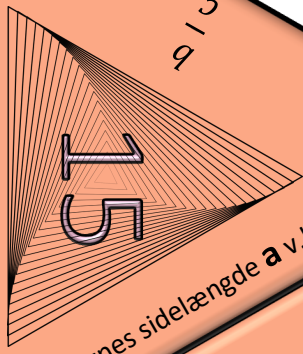
© Mat-nat.dk

$$\frac{\sin(A)}{a}$$



Hvordan beregnes sidelængde **a** v.hj.a. **cos(B)**?

© Mat-nat.dk



Hvordan beregnes sidelængde **b** v.hj.a. **cos(A)**?

Trigonometri

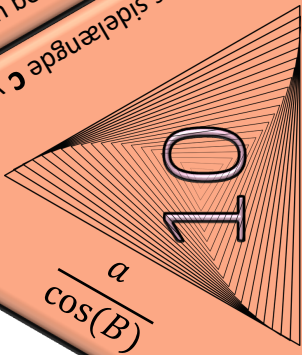
$$\cos(B) \cdot c$$

Hvordan beregnes **cos(B)**?

© Mat-nat.dk

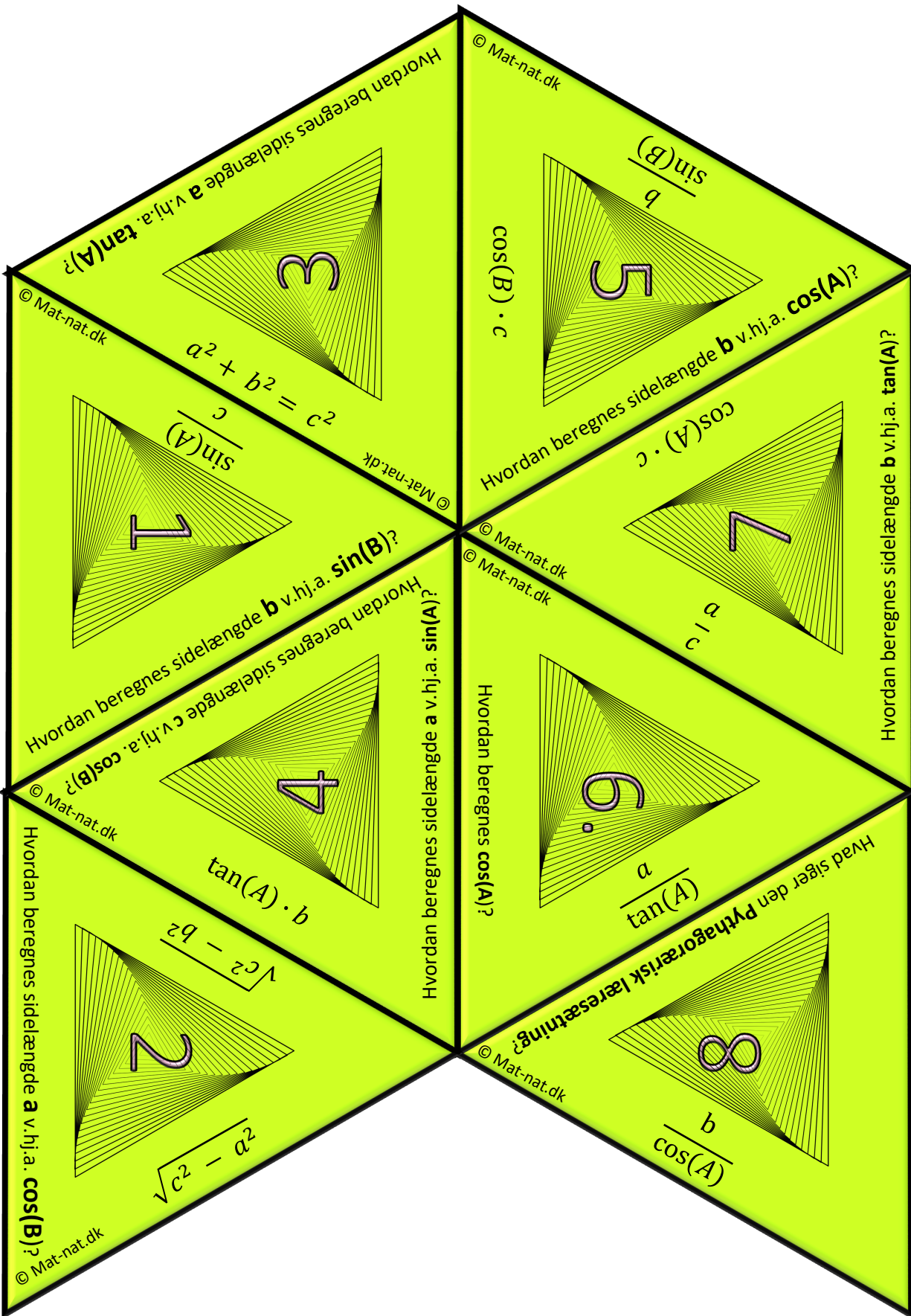
© Mat-nat.dk

Hvordan beregnes sidelængde **c** v.hj.a. **sin(A)**?



Hvordan beregnes sidelængde **c** v.hj.a. **sin(B)**?

$$\frac{a}{\cos(B)}$$



© Mat-nat.dk

© Mat-nat.dk

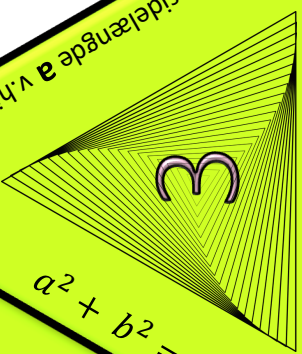
© Mat-nat.dk

© Mat-nat.dk

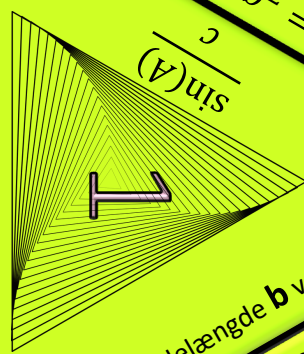
© Mat-nat.dk

© Mat-nat.dk

Hvordan beregnes sidelængde **a** v.hj.a. **tan(A)**?

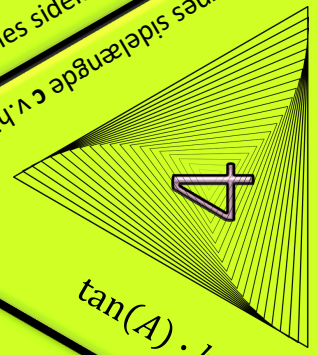


$$a^2 + b^2 = c^2$$



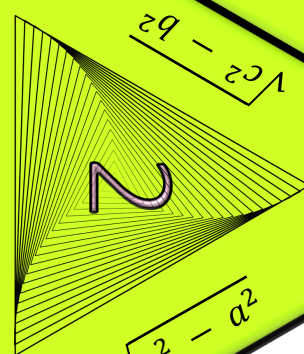
$$\frac{\sin(A)}{c} = \frac{1}{b}$$

Hvordan beregnes sidelængde **b** v.hj.a. **sin(B)**?



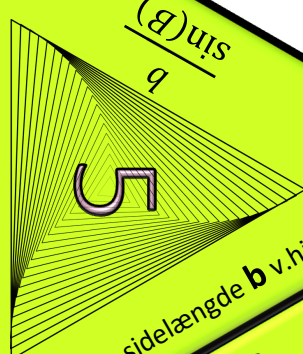
$$\tan(A) = \frac{b}{a}$$

Hvordan beregnes sidelængde **a** v.hj.a. **sin(A)**?



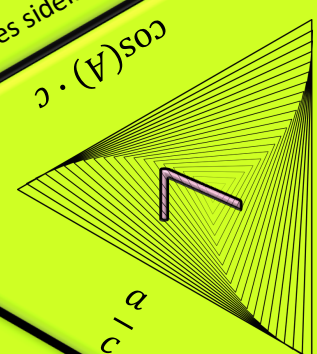
$$a = \sqrt{c^2 - b^2}$$

Hvordan beregnes sidelængde **b** v.hj.a. **cos(A)**?



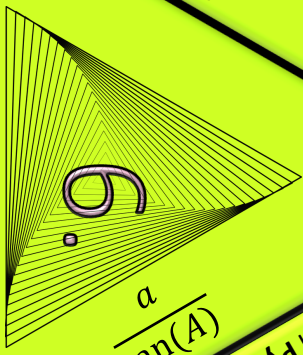
$$\cos(B) = \frac{c}{a}$$

Hvordan beregnes sidelængde **b** v.hj.a. **tan(A)**?



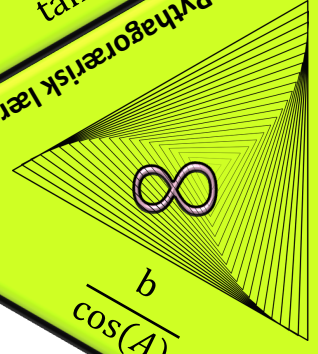
$$\cos(A) = \frac{c}{b}$$

Hvordan beregnes **cos(A)**?

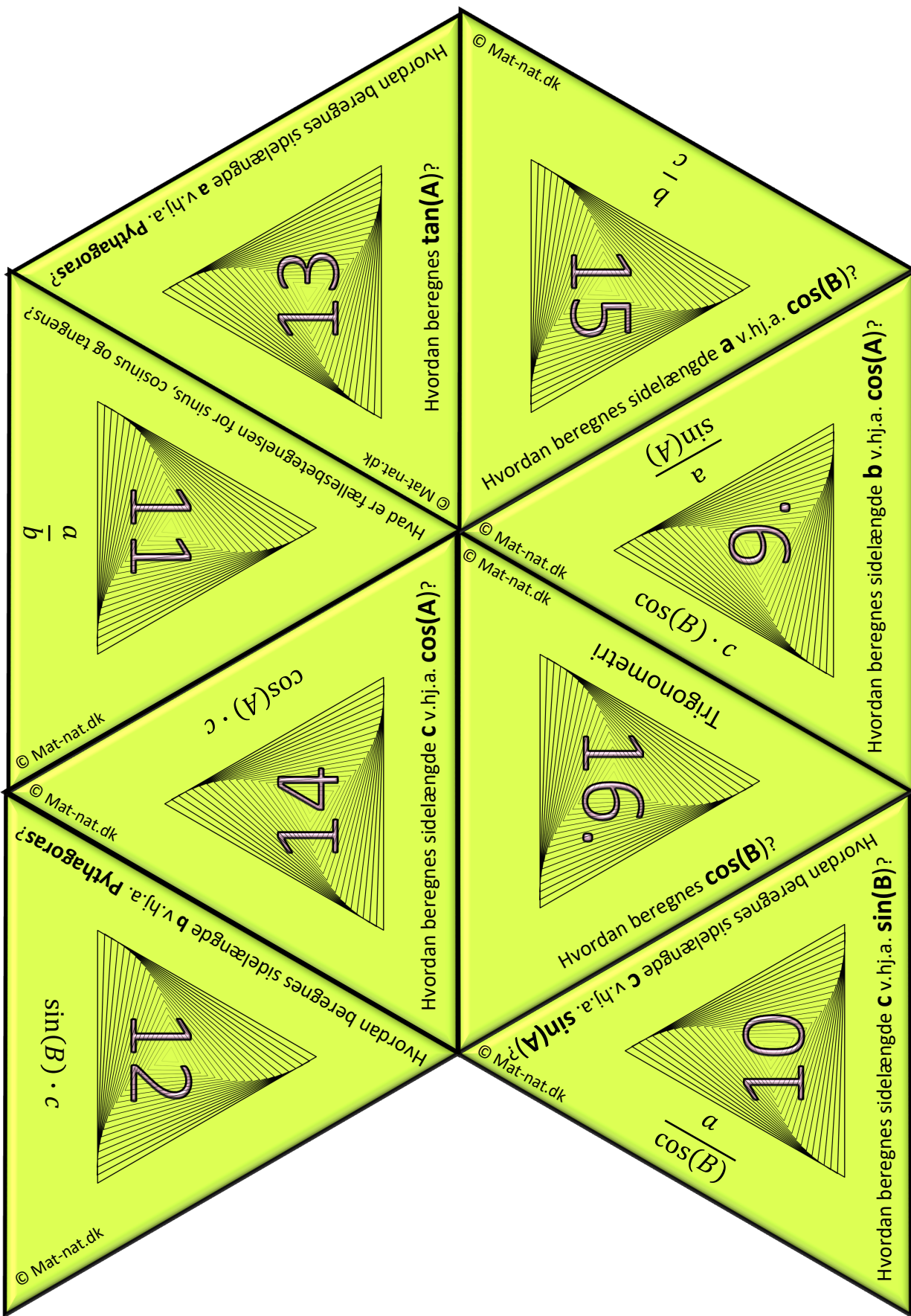


$$a = \tan(A) \cdot b$$

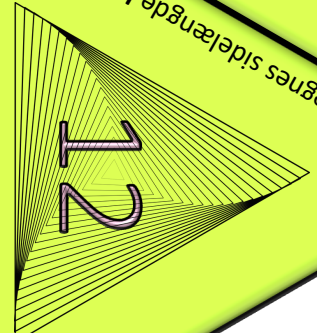
Hvad siger den **Pythagoræisk læresætning**?



$$b = \cos(A) \cdot c$$



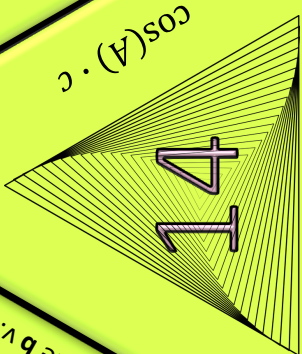
© Mat-nat.dk



$$\sin(B) \cdot c$$

© Mat-nat.dk

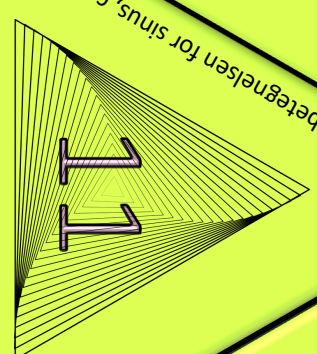
Hvordan beregnes sidelængde **b** v.h.j.a. **Pythagoras?**



$$\cos(A) \cdot c$$

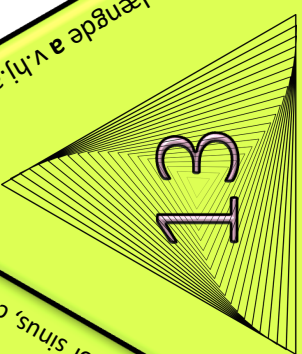
© Mat-nat.dk

Hvad er fællesbetegnelsen for sinus, cosinus og tangens?



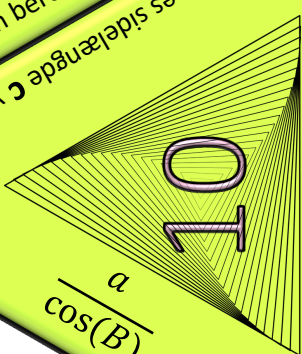
$\frac{a}{b}$

Hvordan beregnes sidelængde **a** v.h.j.a. **Pythagoras?**



Hvordan beregnes **tan(A)?**

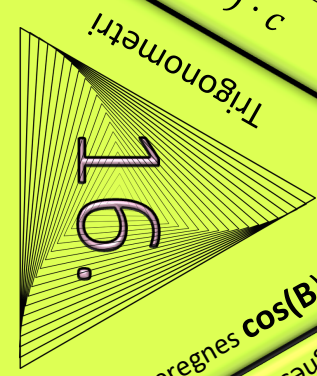
© Mat-nat.dk



$$\frac{a}{\cos(B)}$$

© Mat-nat.dk

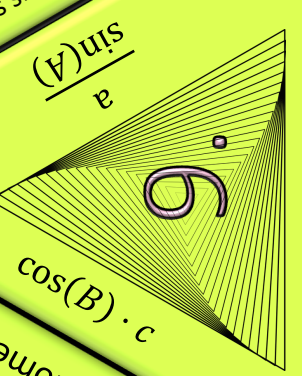
Hvordan beregnes sidelængde **c** v.h.j.a. **sin(B)?**



16.

© Mat-nat.dk

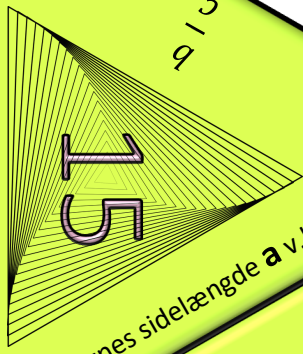
Hvordan beregnes **cos(B)**?



$$\cos(B) \cdot c$$

© Mat-nat.dk

Hvordan beregnes sidelængde **b** v.h.j.a. **cos(A)?**



15

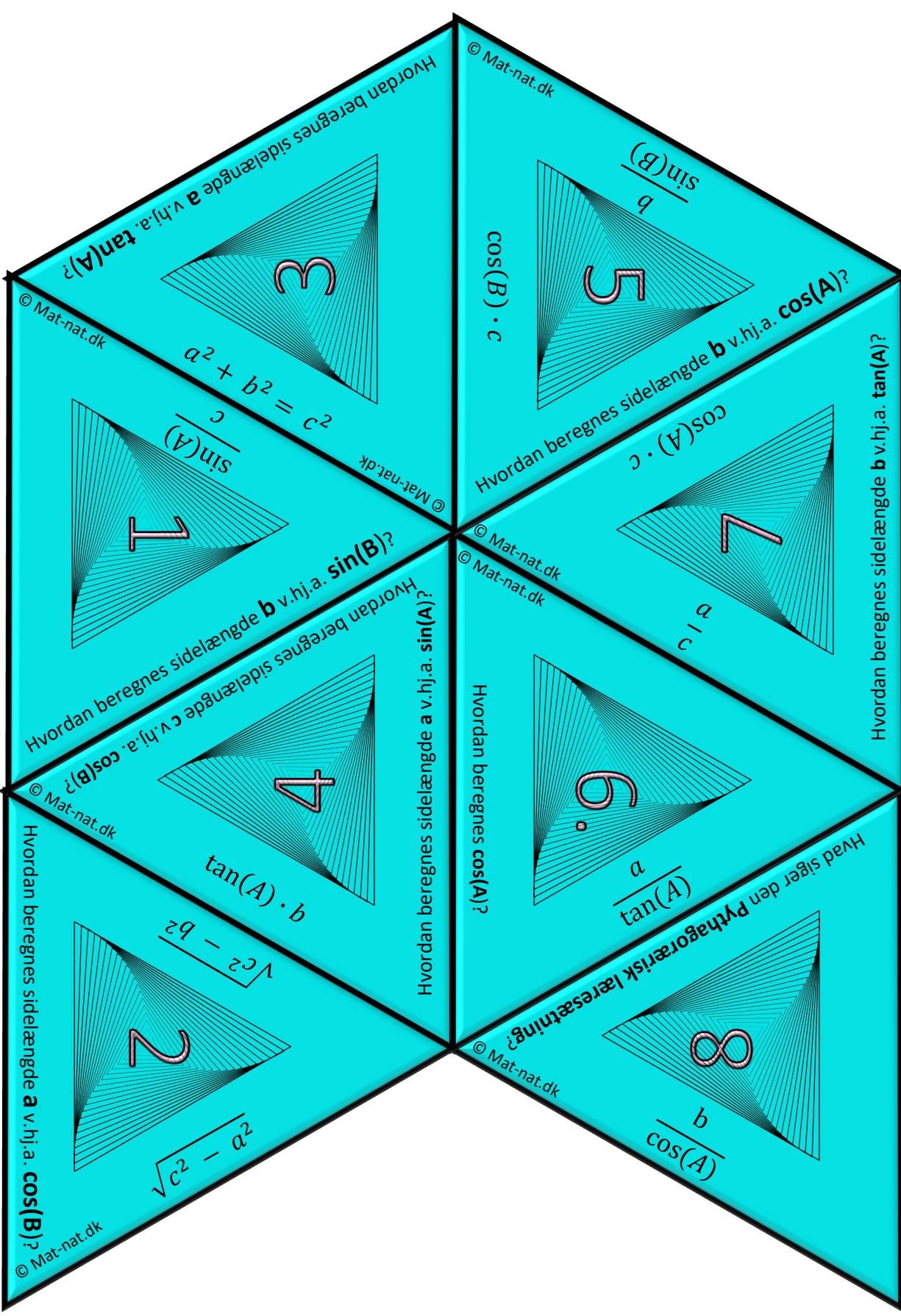
© Mat-nat.dk

Hvordan beregnes sidelængde **a** v.h.j.a. **cos(B)?**

$$\frac{\sin(A)}{a}$$

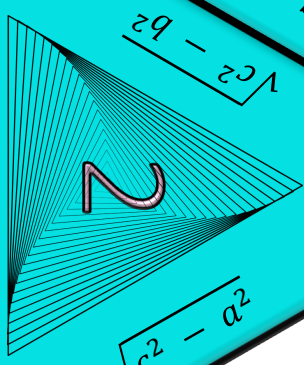
6.

$\frac{c}{b}$



© Mat-nat.dk

Hvordan beregnes sidelængde **a** v.hj.a. **cos(B)**?



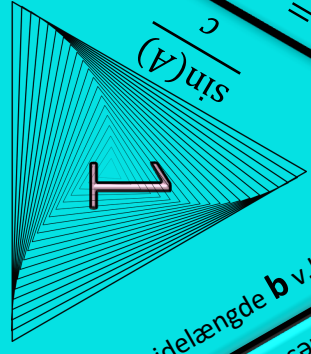
$$\sqrt{c^2 - a^2}$$

$$\sqrt{c^2 - b^2}$$

$$\tan(A) \cdot b$$

© Mat-nat.dk

Hvordan beregnes sidelængde **c** v.hj.a. **cos(B)**?

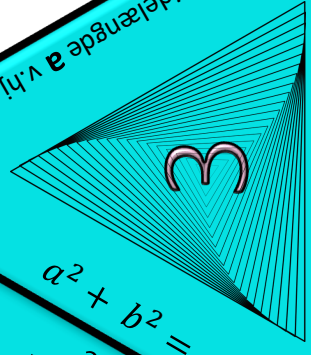


$$\frac{b}{\sin(A)}$$

$$a^2 + b^2 = c^2$$

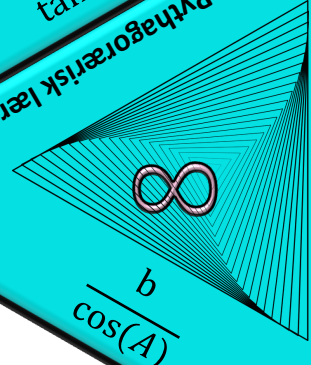
© Mat-nat.dk

Hvordan beregnes sidelængde **a** v.hj.a. **tan(A)**?



© Mat-nat.dk

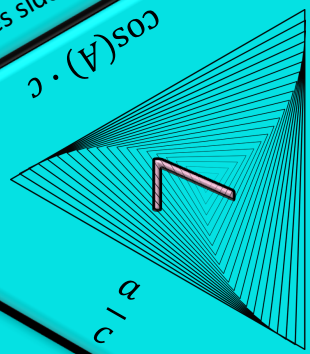
Hvad siger den pythagoræisk læresætning?



$$\frac{b}{\cos(A)}$$

© Mat-nat.dk

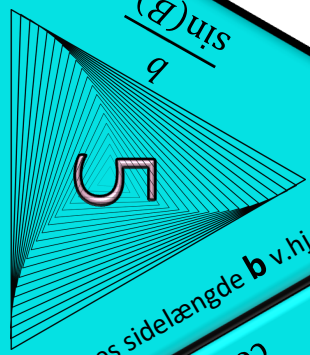
Hvordan beregnes sidelængde **b** v.hj.a. **tan(A)**?



$$a \cdot \tan(A)$$

© Mat-nat.dk

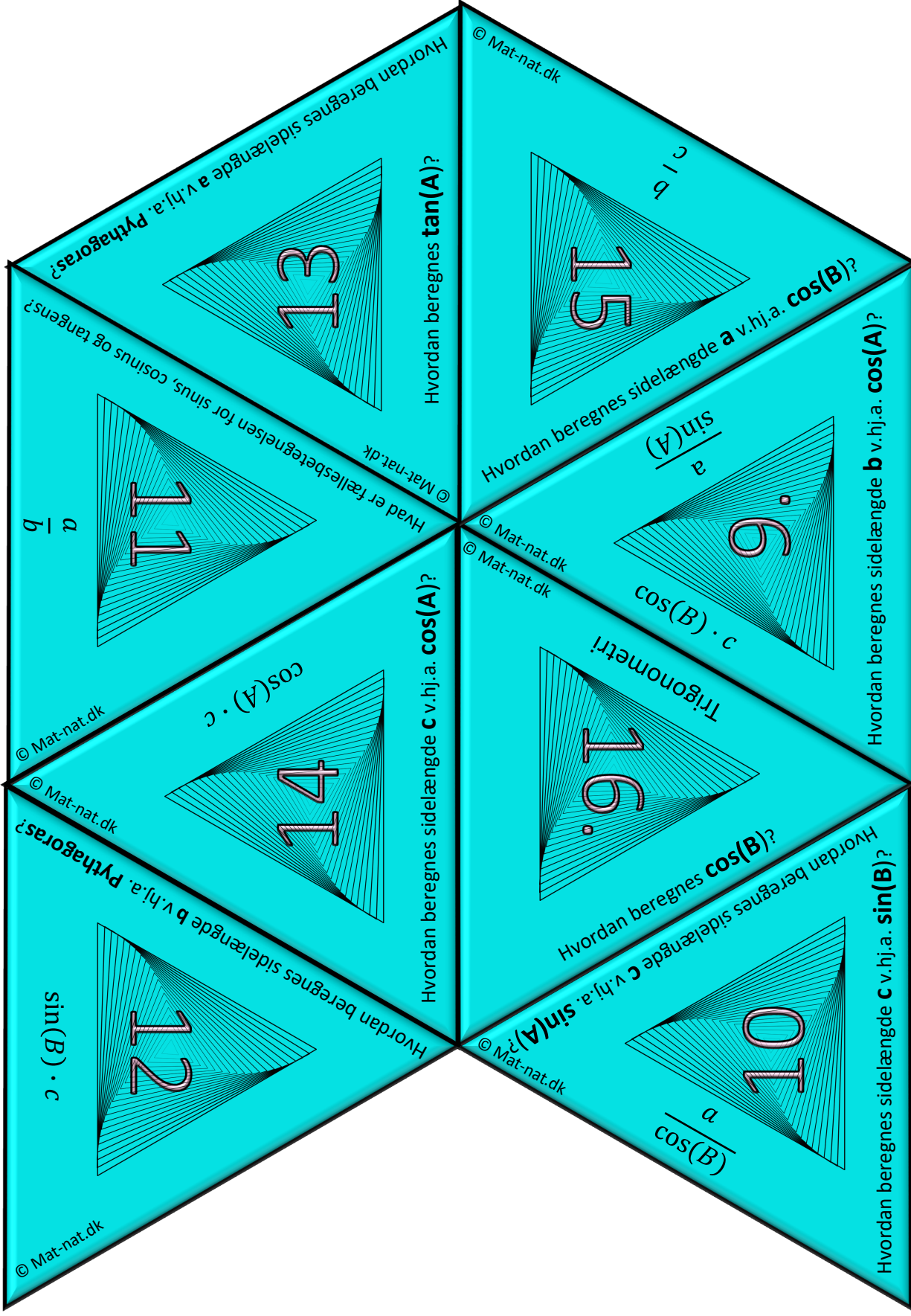
Hvordan beregnes sidelængde **b** v.hj.a. **cos(A)**?



$$\frac{b \cdot \sin(B)}{\cos(A)}$$

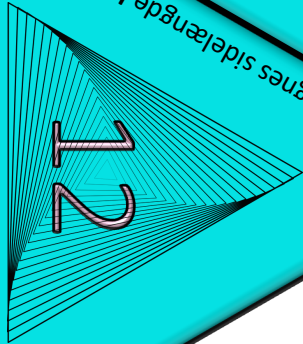
© Mat-nat.dk

$$\cos(B) \cdot c$$



© Mat-nat.dk

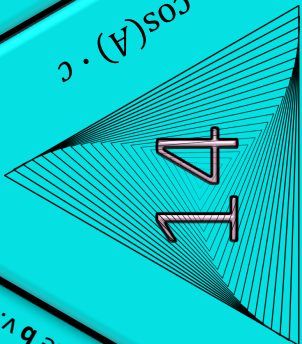
$$\sin(B) \cdot c$$



Hvordan beregnes sidelængde **b** v.h.j.a. **Pythagoras?**

© Mat-nat.dk

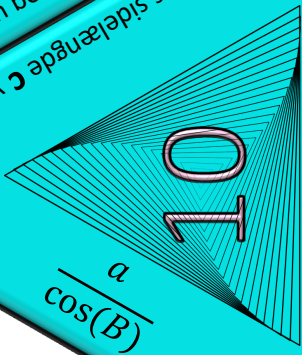
$$\cos(A) \cdot c$$



Hvordan beregnes sidelængde **c** v.h.j.a. **cos(A)?**

© Mat-nat.dk

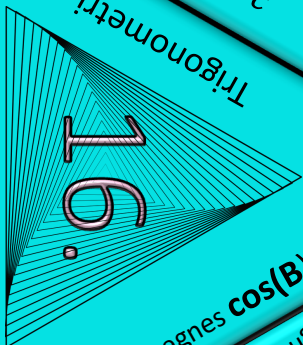
$$\sin(A)?$$



Hvordan beregnes sidelængde **c** v.h.j.a. **sin(B)?**

© Mat-nat.dk

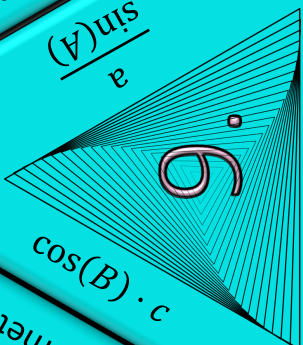
$$\cos(B) \cdot c$$



Hvordan beregnes **cos(B)?**

© Mat-nat.dk

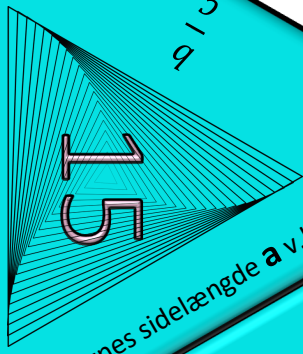
$$\frac{\sin(A)}{a}$$



Hvordan beregnes sidelængde **b** v.h.j.a. **cos(A)?**

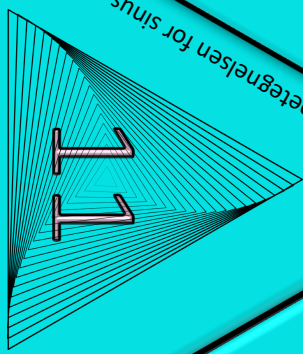
© Mat-nat.dk

Hvordan beregnes sidelængde **a** v.h.j.a. **cos(B)?**



Hvad er fællesbetegnelsen for sinus, cosinus og tangens?

$$\frac{a}{b}$$

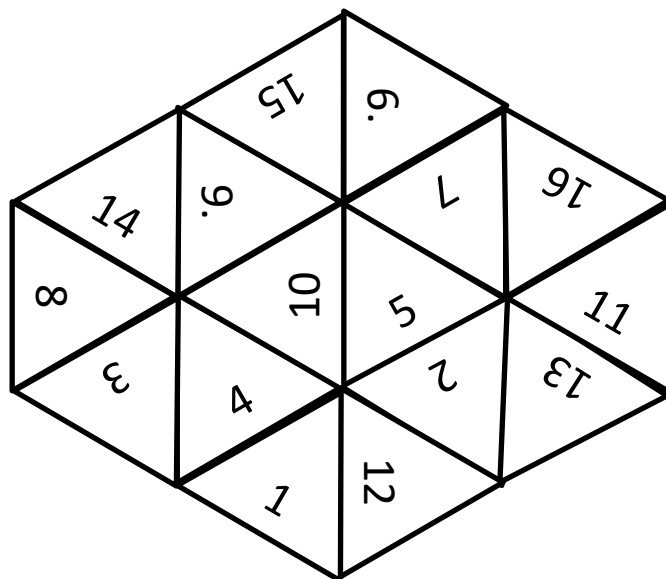


Hvordan beregnes **tan(A)?**

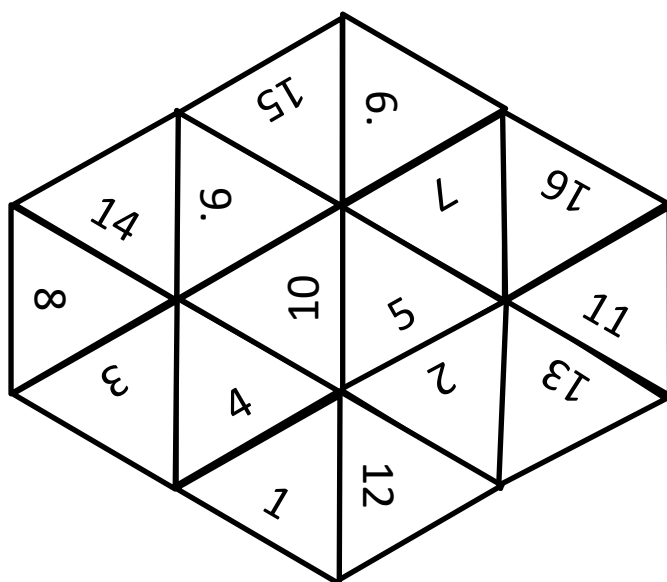
Hvordan beregnes sidelængde **a** v.h.j.a. **Pythagoras?**

© Mat-nat.dk

Løsning



Løsning



Løsning

