

April 22nd

5-a-day

Numeracy

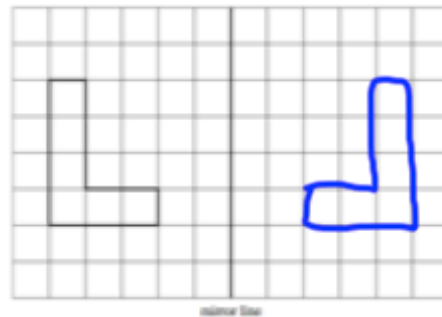
Write 5386 correct to the nearest 10.

5390

Write 5386 to the nearest 100.

5400

Reflect the shape in the mirror line.



The time in New York is 5 hours behind the time in London.

What time is it in New York, when the time is 3pm in London?

10am

Beijing is 11 hours ahead of London.

What time is it in Beijing when it is 5:00am in London?

4pm

$$\frac{3}{12}$$

$$\frac{4}{15}$$

$$\frac{5}{20}$$

$$\frac{6}{24}$$

$$\frac{8}{30}$$

Circle the fractions that are equivalent to one-quarter.

Which metric unit would be used for weighing a bag of potatoes?

kg

Which metric unit would be used for measuring the amount of liquid in a can of soft drink?

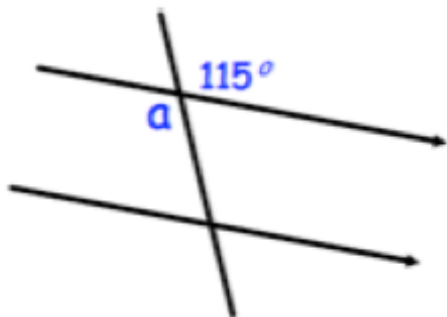
ml

x	2	-7
5	10	-35
-4	-8	28

$a = y^2$  Make  $y$  the subject

$$\sqrt{a} = y$$

$$y = \sqrt{a}$$

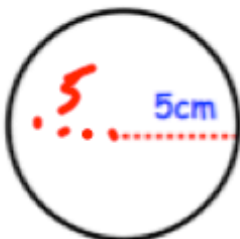


Size of  $a$ ?

115°

Reason?

vertically opposite.



Calculate the circumference. Let  $\pi = 3$

$$\pi \times d$$

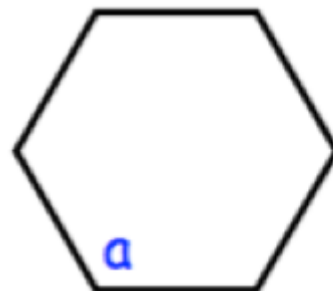
$$3 \times 10$$

$$3 \times 10 = 30 \text{ cm}$$

Shown is a regular hexagon.

Find  $a$

$$720 \div 6 = 120^\circ$$





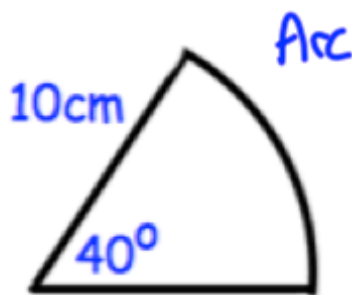
Find y

$$130^\circ$$

Simplify  $\sqrt{200}$

$$\sqrt{100} \times \sqrt{2}$$

$$10\sqrt{2}$$



Calculate the perimeter.

$$\frac{40}{360} \times \pi \times 20 = 6.98\dots \text{cm}$$

$$10 + 10 + 6.98 = 26.98 \text{cm}$$

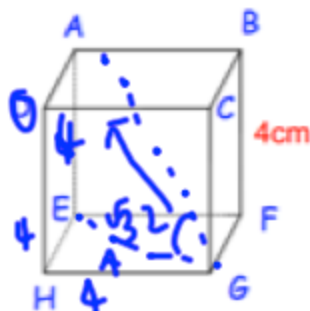
to 2 dp.

Expand and simplify

$$(3 + \sqrt{7})^2$$

$$(3 + \sqrt{7})(3 + \sqrt{7})$$

$$9 + 6\sqrt{7} + 7 = 16 + 6\sqrt{7}$$



Shown is a cube. Find angle AGE

$$\tan \theta = \frac{4}{\sqrt{32}}$$

$$\theta = 35.26^\circ$$