

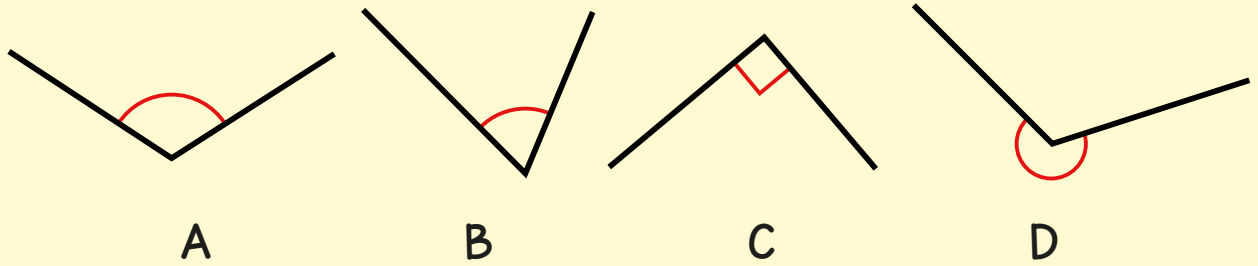
6

PROPERTIES OF SHAPE

White
Rose
Maths

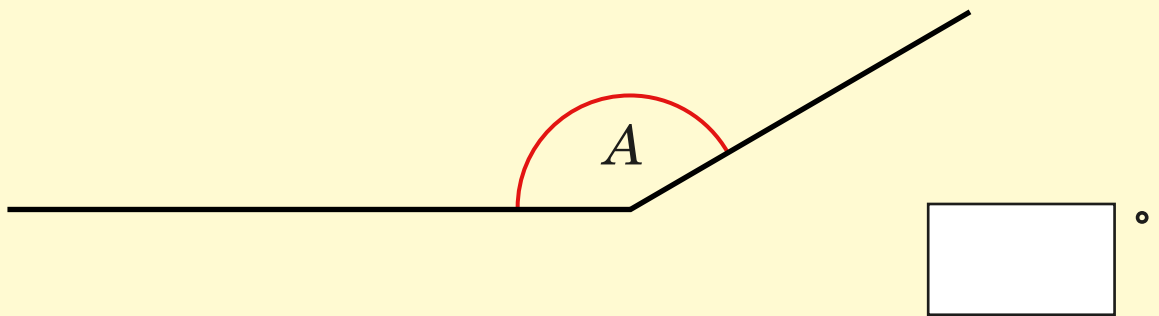


1 Sort the angles into the table.



Acute	Right angle	Obtuse	Reflex

2 Measure the size of angle A.

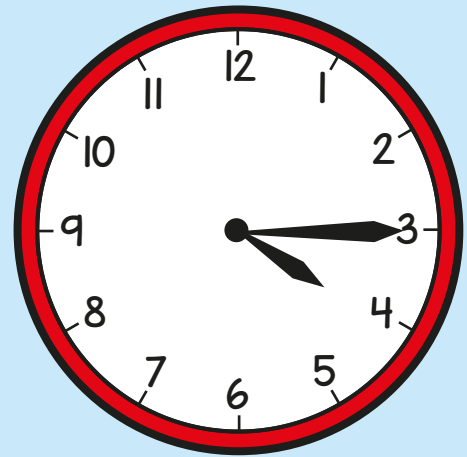


Is your answer sensible? Explain why.

Empty box for explanation.

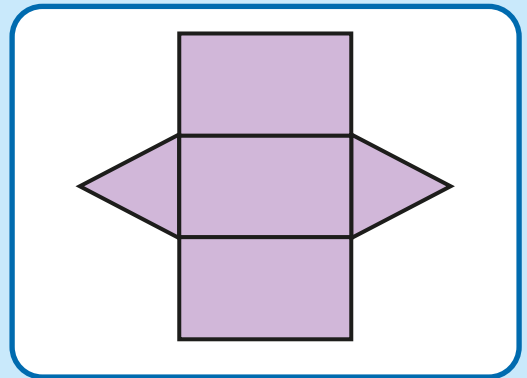
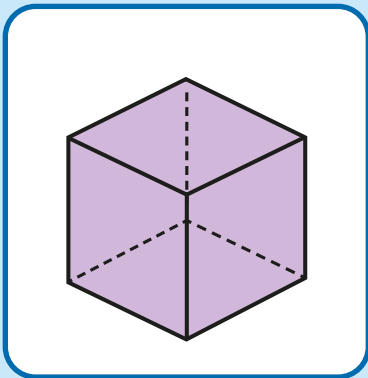
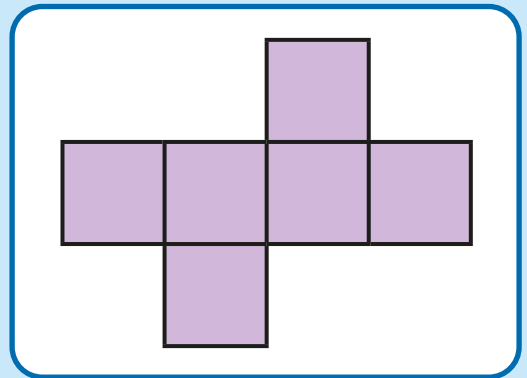
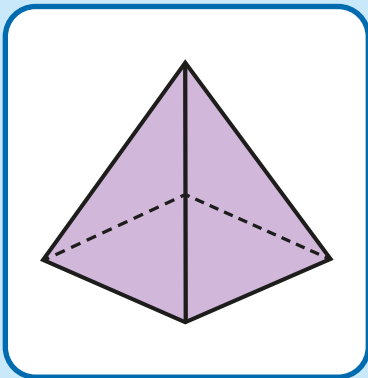
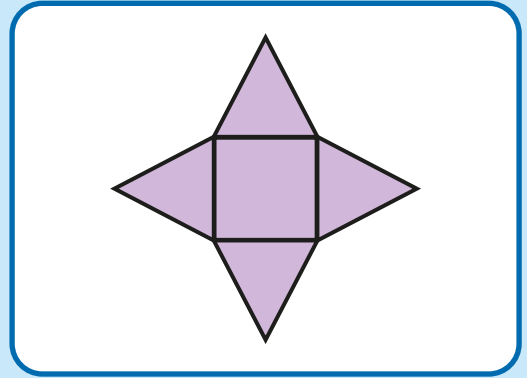
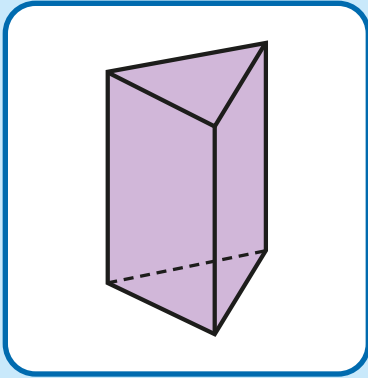
3

How many degrees does the minute hand move in 15 minutes?

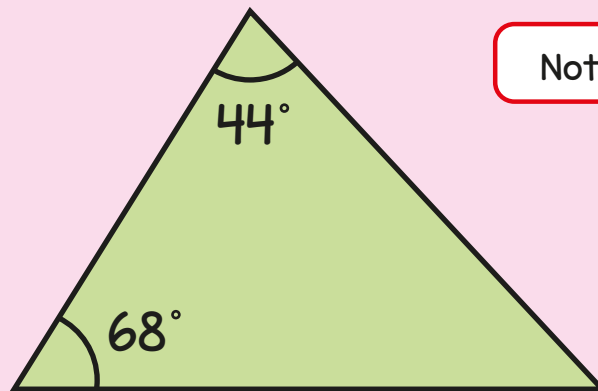
 °


4

Match the 3D shapes to the correct net.



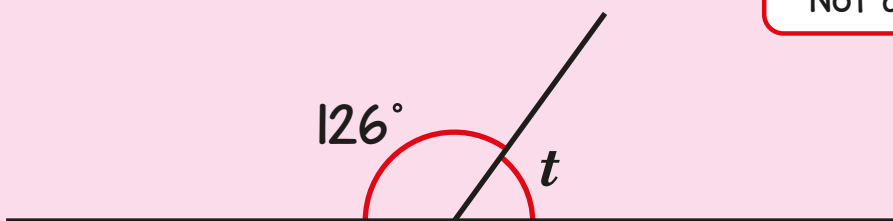
- 5 Calculate the missing angle in the triangle.



Not drawn to scale.

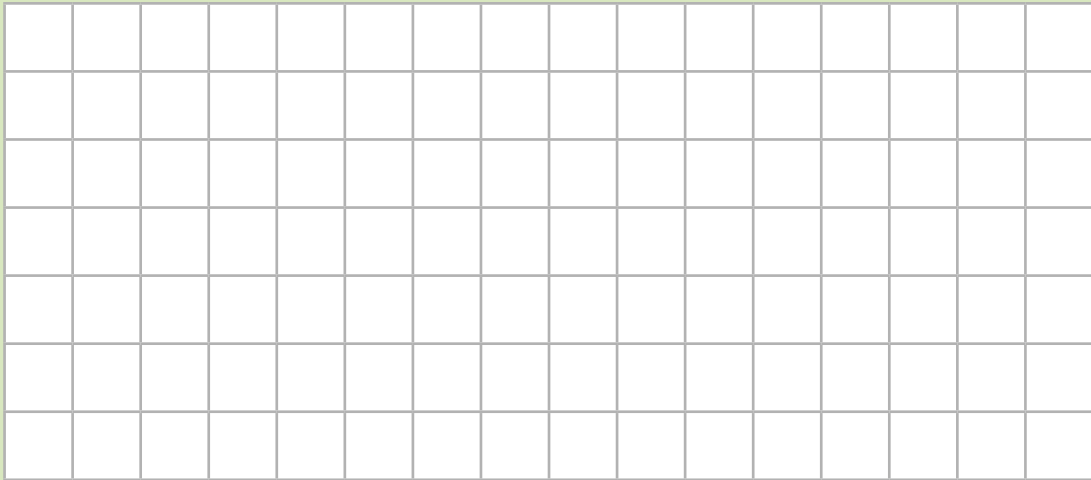
What type of triangle is this? _____

- 6 Calculate the size of angle t .



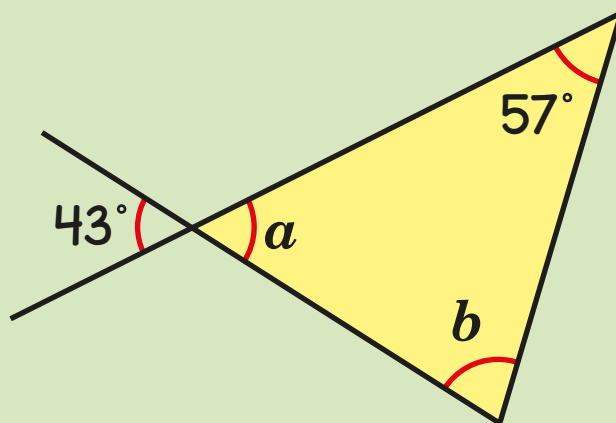
Not drawn to scale.

- 7 On the grid, draw a pentagon that has **more** than two right angles.



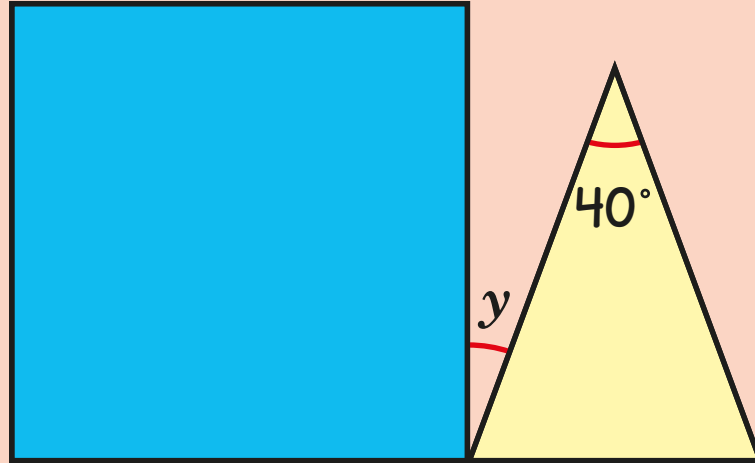
- 8 Calculate the unknown angles in the triangle.

Not drawn to scale.



- 9 The diagram shows a square and an isosceles triangle.

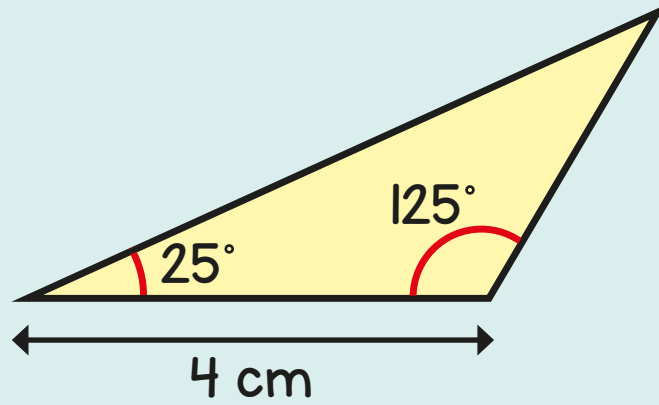
Not drawn to scale.



Calculate the size of angle y .

A large empty rounded rectangular box for writing the answer.

- 10 Using a ruler and protractor, draw the triangle accurately.





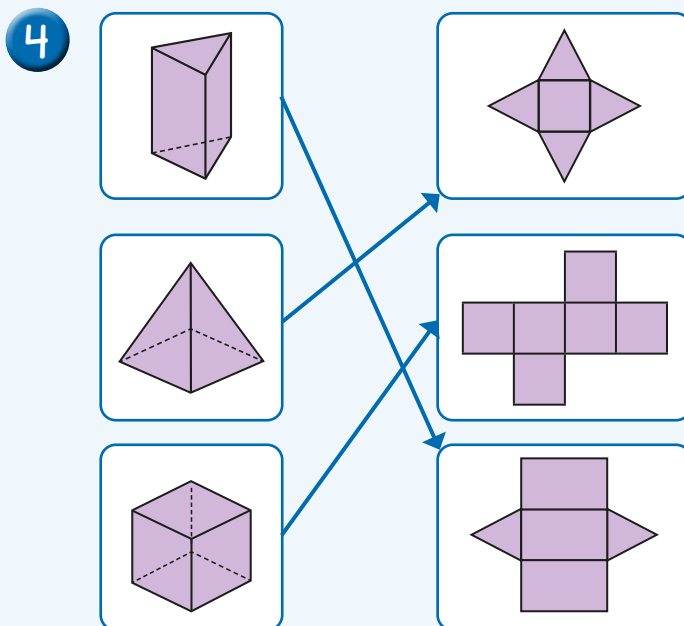
Answers

1

Acute	Right angle	Obtuse	Reflex
B	C	A	D

2 150°
Yes, because it is an obtuse angle.

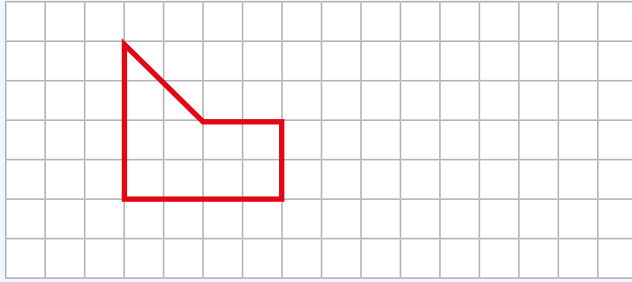
3 90°



5 68°
isosceles

6 $t = 54^\circ$

- 7 Drawing of pentagon with three right angles, for example:



8 $a = 43^\circ$
 $b = 80^\circ$

9 $y = 20^\circ$

- 10 The triangle has been drawn accurately. It should look like this (not drawn to scale).

