Line Symmetry
Video 316 on Corbettmaths

Examples

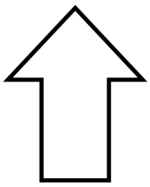
Workout

Click here

Scan here

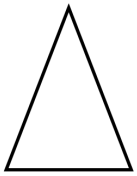
*There are templates for questions 1, 4, 5, 6 and 8 at the end of this exercise

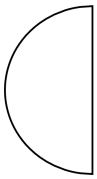
Question 1: Draw all the lines of symmetry on each the shapes below

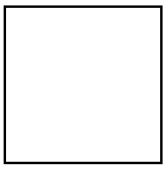
(a) 

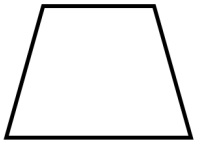
(b) 

(c) 

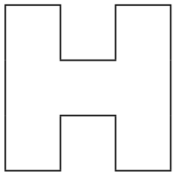
(d) 

(e) 

(f) 

(g) 

(h) 

(i) 

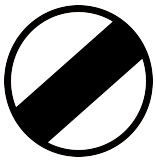
Question 2: Here are some road signs.
For each road sign, write down the number of lines of symmetry.

(a) 

(b) 

(c) 

(d) 

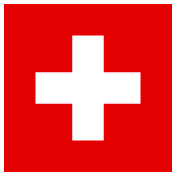
(e) 

Question 3: Here are some flags.
For each flag, write down the number of lines of symmetry

(a) 

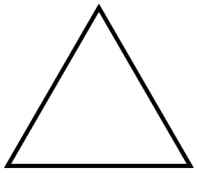
(b) 

(c) 

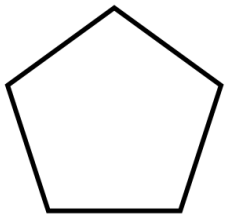
(d) 

Line Symmetry
Video 316 on Corbettmaths

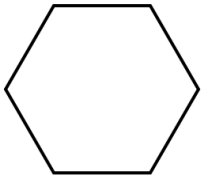
Question 4: Here is an equilateral triangle.
Draw any lines of symmetry on the triangle



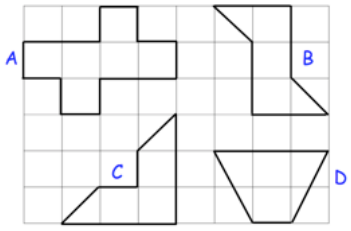
Question 5: Here is a regular pentagon.
Draw any lines of symmetry on the pentagon.



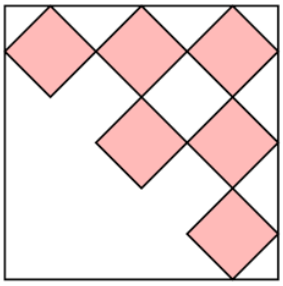
Question 6: Here is a regular hexagon.
Draw any lines of symmetry on the hexagon.



Question 7: Which two shapes have a line of symmetry?



Question 8: This square tile has a symmetrical pattern.
Draw the line of symmetry.



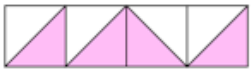
Question 9: Draw a shape with:
(a) 1 line of symmetry
(b) 2 lines of symmetry
(c) 0 lines of symmetry

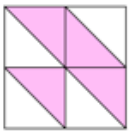
Line Symmetry
Video 316 on Corbettmaths

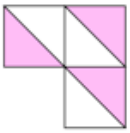
Apply

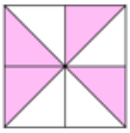
*There are templates for questions 2, 4, 5 at the end of this exercise

Question 1: Here are some patterns.
Write down the letters of any pattern that have a line of symmetry.

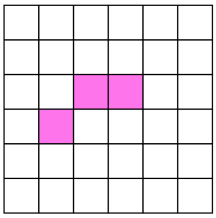
A 

B 

C 

D 

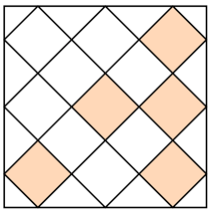
Question 2: On the diagram below, shade **one** square so that the shape has exactly **one** line of symmetry.



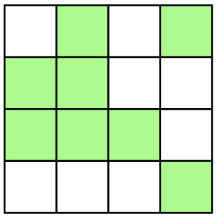
Question 3: Which of these shapes has the most lines of symmetry?

Kite **Parallelogram** **Rhombus** **Trapezium**

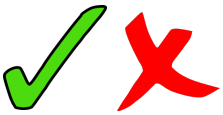
Question 4: Shade one more square so this pattern has one line of symmetry



Question 5: Shade three more squares so this pattern has one line of symmetry



Answers



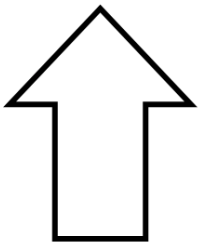
Click here

Scan here

Line Symmetry
Video 316 on Corbettmaths

Templates

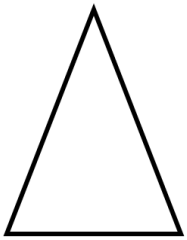
(a)



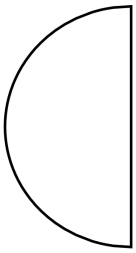
(b)

(c)

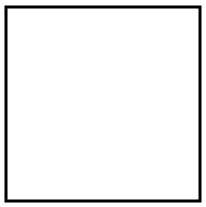
(d)



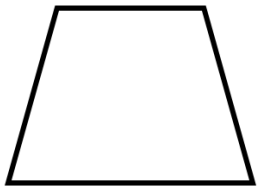
(e)



(f)

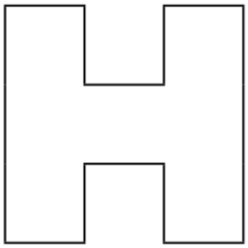


(g)

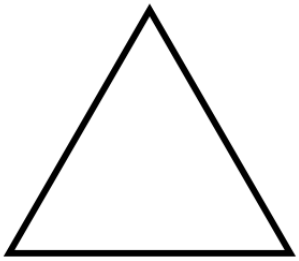


(h)

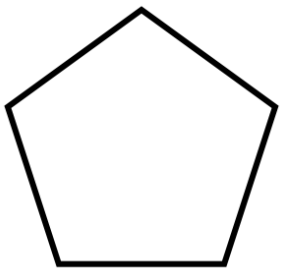
(i)



Question 4:

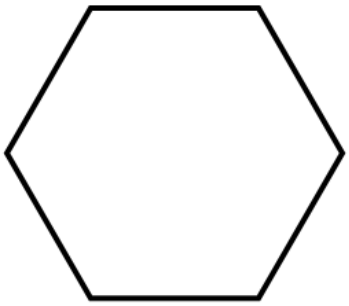


Question 5:

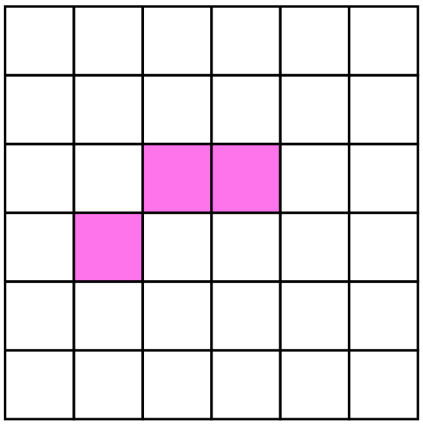


Line Symmetry
Video 316 on Corbettmaths

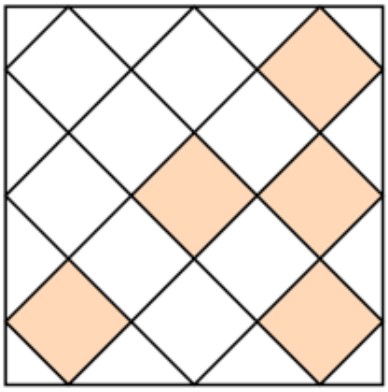
Question 6:



Apply Question 2:



Apply Question 4:



Apply Question 5: