



**THIRD SPACE
LEARNING**

Pentagon Shape Worksheet

Geometry

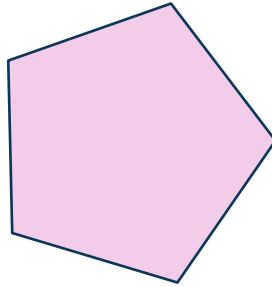
Grades 1 to 3

Questions

Name:

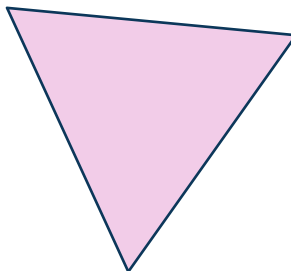
Date:

- 1 Look at the image below. Is this a pentagon shape?



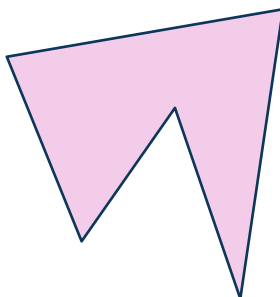
Answer

- 2 Look at the image below. Is this a pentagon shape?



Answer

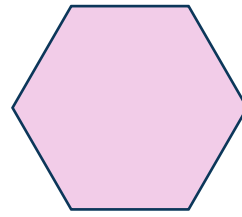
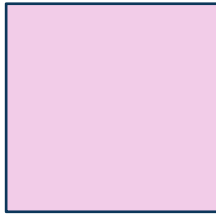
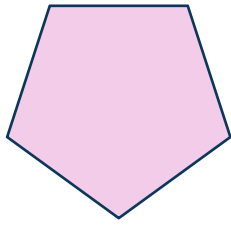
- 3 Count the sides of this shape. Is it a pentagon?



Answer

Pentagon Shape Worksheet | Grades 1 to 3

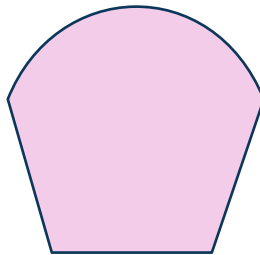
4 Circle the pentagons in the images below.



5 How many sides does a pentagon have?

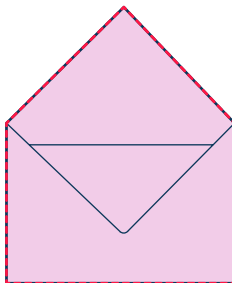
Answer

6 Look at this shape. Does it have five sides?



Answer

7 Are the highlighted parts of the images examples of pentagons?



Answer

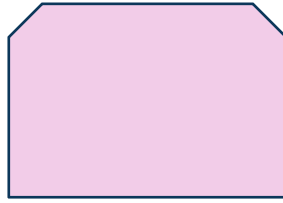
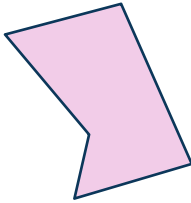
Pentagon Shape Worksheet | Grades 1 to 3

8 Draw a pentagon. Label its five corners.

Answer



9 Which of these shapes is a pentagon?



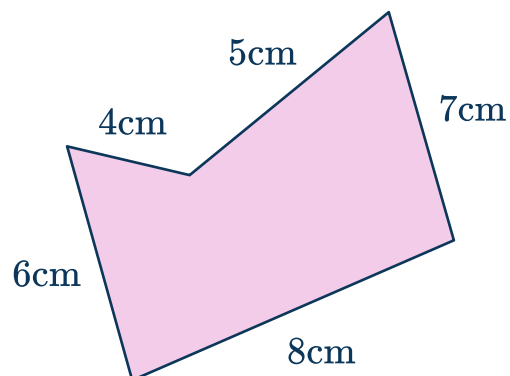
10 Look at the stop sign below. Is this a pentagon shape?



Answer



11 Find the perimeter of the irregular pentagon below.



Answer

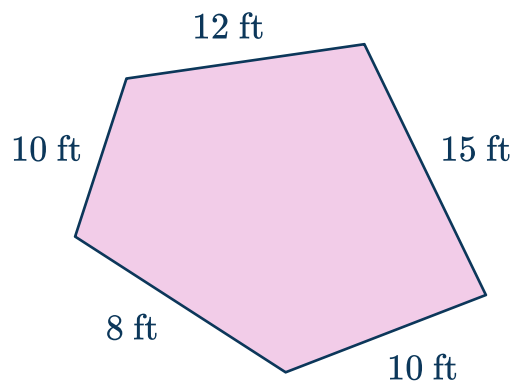


Pentagon Shape Worksheet | Grades 1 to 3

- 12 A regular pentagon has sides that each measure 12 inches. What is its perimeter?

Answer

- 13 Find the perimeter of the pentagon below.



Answer

- 14 A regular pentagon has a side length of 9 cm. What is its perimeter?

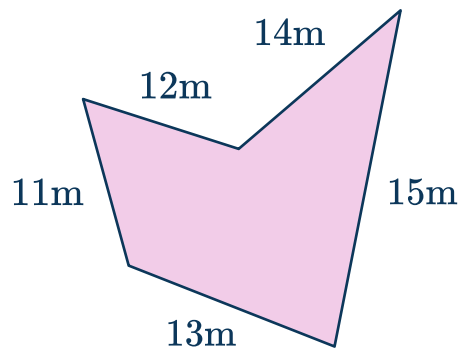
Answer

- 15 Sarah is designing a pentagonal garden fence. Each side of the pentagon is 14 feet long. What is the total length of fencing she will need?

Answer

Pentagon Shape Worksheet | Grades 1 to 3

- 16 Find the perimeter of this irregular pentagon.



Answer

- 17 A park sign is in the shape of a regular pentagon. Each side measures 18 inches. What is the perimeter of the sign?

Answer

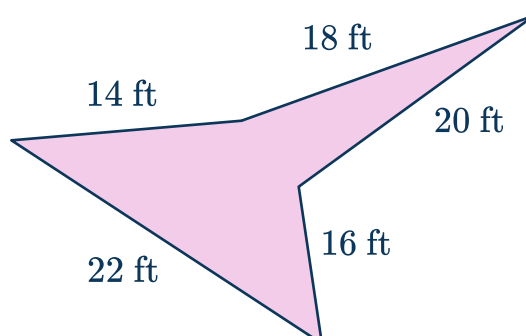
- 18 The perimeter of an irregular pentagon is 52 cm. Four sides measure 10 cm, 8 cm, 12 cm, and 9 cm. What is the length of the fifth side?

Answer

- 19 A stop sign is a regular pentagon with a side length of 7 m. What is its perimeter?

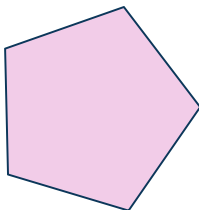
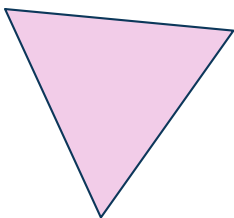
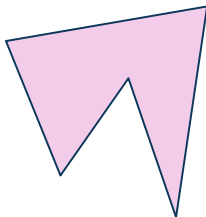
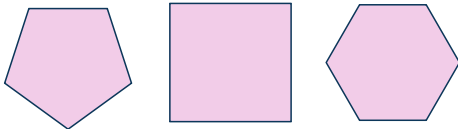
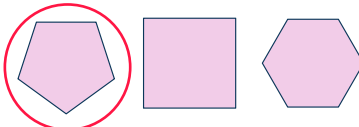
Answer

- 20 Find the perimeter of the irregular pentagon below.

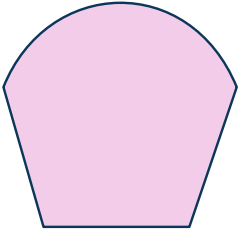
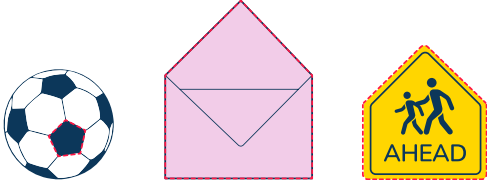
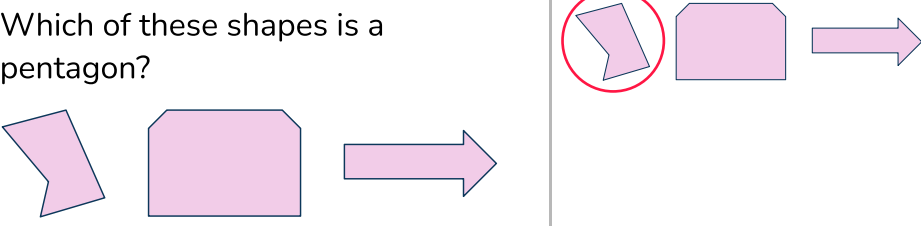






Answer

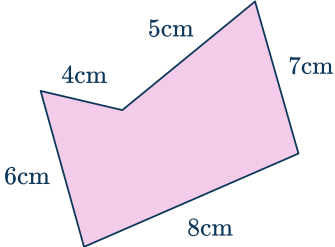
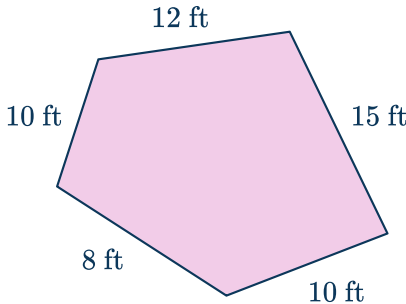
Answers

Question number	Question	Answers	Standard
1	Look at the image below. Is this a pentagon shape? 	Yes, this is a pentagon because it has five sides.	2.G.A.1
2	Look at the image below. Is this a pentagon shape? 	No, this is not a pentagon because it has three sides.	2.G.A.1
3	Count the sides of this shape. Is it a pentagon? 	Yes, it is a pentagon because it has five sides.	2.G.A.1
4	Circle the pentagons in the images below. 		2.G.A.1
5	How many sides does a pentagon have?	A pentagon has five sides.	2.G.A.1

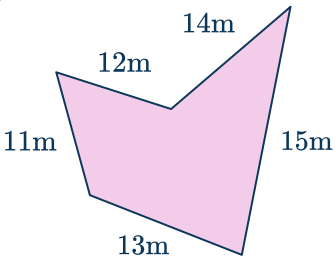
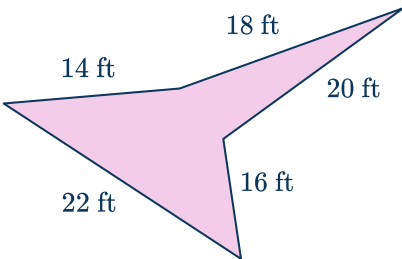
Pentagon Shape Worksheet | Grades 1 to 3 | Answers

Question number	Question	Answers	Standard
6	<p>Look at this shape. Does it have five sides?</p> 	No, it is not a pentagon because one side is curved.	2.G.A.1
7	<p>Are the highlighted parts of the images examples of pentagons?</p> 	Yes, all the highlighted parts of the real life images are examples of pentagons.	2.G.A.1
8	<p>Draw a pentagon. Label its five corners.</p>	Student draws a pentagon with labeled vertices (A, B, C, D, E).	2.G.A.1
9	<p>Which of these shapes is a pentagon?</p> 	  	2.G.A.1
10	<p>Look at the stop sign below. Is this a pentagon shape?</p> 	No, it is not a pentagon because it has more than five sides.	2.G.A.1

Pentagon Shape Worksheet | Grades 1 to 3 | Answers

Question number	Question	Answers	Standard
11	Find the perimeter of the irregular pentagon below. 	$8 + 6 + 7 + 5 + 4 = 30\text{cm}$	3.MD.D.8
12	A regular pentagon has sides that each measure 12 inches. What is its perimeter?	$12 \times 5 = 60$ inches	3.MD.D.8
13	Find the perimeter of the pentagon below. 	$10 + 15 + 12 + 10 + 8 = 55\text{ft}$	3.MD.D.8
14	A regular pentagon has a side length of 9 cm. What is its perimeter?	$9 \times 5 = 45\text{cm}$	3.MD.D.8
15	Sarah is designing a pentagonal garden fence. Each side of the pentagon is 14 feet long. What is the total length of fencing she will need?	$14 \times 5 = 70\text{ft}$	3.MD.D.8

Pentagon Shape Worksheet | Grades 1 to 3 | Answers




Question number	Question	Answers	Standard
16	Find the perimeter of this irregular pentagon. 	$13 + 11 + 15 + 12 + 14 = 65\text{m}$	3.MD.D.8
17	A park sign is in the shape of a regular pentagon. Each side measures 18 inches. What is the perimeter of the sign?	$18 \times 5 = 90 \text{ inches}$	3.MD.D.8
18	The perimeter of an irregular pentagon is 52 cm. Four sides measure 10 cm, 8 cm, 12 cm, and 9 cm. What is the length of the fifth side?	$52 - (10 + 8 + 12 + 9) = 13\text{cm}$	3.MD.D.8
19	A stop sign is a regular pentagon with a side length of 7 m. What is its perimeter?	$7 \times 5 = 35\text{m}$	3.MD.D.8
20	Find the perimeter of the irregular pentagon below. 	$20 + 18 + 22 + 16 + 14 = 90\text{ft}$	3.MD.D.8

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