Build and draw shapes worksheet – Kindergarten

Kindergarten · Mixed level · Mastery worksheet · 25 questions · **Version X36014**

Name: _____ Date: _____ Score: ___ / 25

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A Fill in the answer

Work out each answer and write it on the line.

1. Ben has 5 sticks and makes a triangle. How many sticks are left over?

   Answer: _____

2. Max has 8 sticks and makes a hexagon. How many sticks are left over?

   Answer: _____

3. Ivy has 5 sticks and makes a square. How many sticks are left over?

   Answer: _____

4. How many sticks does Sam need to make 2 triangles?

   Answer: _____

B Choose the answer

Circle the letter of the right answer.

5. How many sticks are in Omar's rectangle?

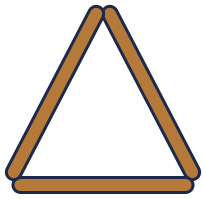


A. 14 **B.** 4 **C.** 6 **D.** 5

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6. How many sticks are in Ivy's triangle?

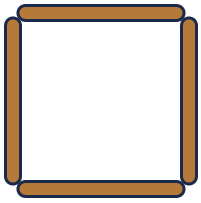


A. 4 **B.** 2 **C.** 3 **D.** 5

7. Kai makes a square and a hexagon. They don't share any sticks. How many sticks does Kai use?

A. 8 **B.** 12 **C.** 10 **D.** 20

8. How many sticks do you need to make a square?



A. 7 **B.** 5 **C.** 3 **D.** 4

C Choose all that apply

There is more than one right answer. Circle every one.

9. Circle every problem whose answer is greater than 6.

A. Mia makes a square and a square. They don't share any sticks. How many sticks does Mia use?

B. Anna makes a triangle and a square. They don't share any sticks. How many sticks does Anna use?

C. Mia makes a triangle and a triangle. They don't share any sticks. How many sticks does Mia use?

D. Max has 9 sticks and makes a rectangle. How many sticks are left over?

E. How many sticks does Max need to make 3 squares?

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10. Circle every problem whose answer is greater than 6.

    A. Zoe makes a square and a triangle. They don't share any sticks. How many sticks does Zoe use?

    B. Kai makes a triangle and a hexagon. They don't share any sticks. How many sticks does Kai use?

    C. Zoe has 9 sticks and makes a triangle. How many sticks are left over?

    D. Omar has 7 sticks and makes a hexagon. How many sticks are left over?

    E. Anna makes a square and a hexagon. They don't share any sticks. How many sticks does Anna use?

D True or false

Check each answer. Tick True or False for every row.

11. Is each answer correct? Tick True or False.

	True	False
Zoe makes a triangle and a square. They don't share any sticks. How many sticks does Zoe use? Answer: 17	☐	☐
How many sticks does Ria need to make 2 triangles? Answer: 6	☐	☐
Zoe makes a square and a square. They don't share any sticks. How many sticks does Zoe use? Answer: 16	☐	☐

12. Is each answer correct? Tick True or False.

	True	False
Max has 5 sticks and makes a rectangle. How many sticks are left over? Answer: 2	☐	☐
Anna has 9 sticks and makes a square. How many sticks are left over? Answer: 3	☐	☐
How many sticks does Ivy need to make 3 squares? Answer: 12	☐	☐

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E Spot the mistake

Decide if the answer is right, then explain how you know.

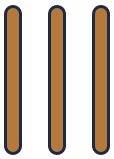
13. Which drawing is a closed shape, with no gaps? Amara says the answer is B. Is Amara right? Explain how you know.



A. Yes **B.** No

BECAUSE...

14. Kai has these sticks. Kai uses all of them to make one shape. Which shape can Kai make? Maya says the answer is a square. Is Maya right? Explain how you know.



A. Yes **B.** No

BECAUSE...

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F Match

Solve each problem, then tick the letter of its answer.

15. Answers to choose from:

A 10 **B** 6 **C** 5 **D** 4

	A	B	C	D
Ivy makes a triangle and a triangle. They don't share any sticks. How many sticks does Ivy use?	☐	☐	☐	☐
Ben has 10 sticks and makes a hexagon. How many sticks are left over?	☐	☐	☐	☐
Sam makes a square and a hexagon. They don't share any sticks. How many sticks does Sam use?	☐	☐	☐	☐
Leo has 9 sticks and makes a rectangle. How many sticks are left over?	☐	☐	☐	☐

16. Answers to choose from:

A 8 **B** 4 **C** 6 **D** 12

	A	B	C	D
How many sticks does Ava need to make 2 triangles?	☐	☐	☐	☐
Sam has 8 sticks and makes a square. How many sticks are left over?	☐	☐	☐	☐
Leo makes a square and a square. They don't share any sticks. How many sticks does Leo use?	☐	☐	☐	☐
How many sticks does Ben need to make 3 squares?	☐	☐	☐	☐

G Put in order

Solve, then write the letters in order.

17. Work out each answer. Then write the letters in order, from the smallest answer to the largest.

    P. Sam has 9 sticks and makes a triangle. How many sticks are left over? _____

    Q. Omar makes a triangle and a square. They don't share any sticks. How many sticks does Omar use? _____

    R. Ava has 9 sticks and makes a hexagon. How many sticks are left over? _____

    Order: _____ , _____ , _____

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18. Work out each answer. Then write the letters in order, from the smallest answer to the largest.

    P. Sam makes a triangle and a triangle. They don't share any sticks. How many sticks does Sam use? _____

    Q. Ben makes a square and a hexagon. They don't share any sticks. How many sticks does Ben use? _____

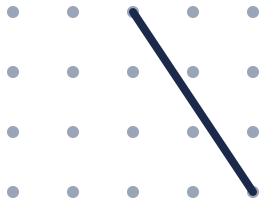
    R. Ava has 10 sticks and makes a triangle. How many sticks are left over? _____

    Order: _____ , _____ , _____

H Use the picture

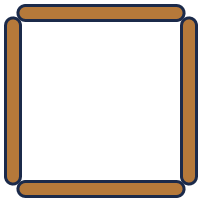
Read the picture carefully, then answer.

19. Anna is drawing a triangle. How many more sides does Anna need to draw?



    Answer: _____

20. How many sticks are in Sam's square?



    Answer: _____

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I Word problems

Show how you worked out each answer in the box.

21. Omar has 10 sticks and makes a square. How many sticks are left over?

    SHOW YOUR WORK

    Answer: _____

22. Ava has 10 sticks and makes a rectangle. How many sticks are left over?

SHOW YOUR WORK

Answer: _____

23. Kai makes a triangle and a square. They don't share any sticks. How many sticks does Kai use?

SHOW YOUR WORK

Answer: _____

24. Max makes a square and a square. They don't share any sticks. How many sticks does Max use?

SHOW YOUR WORK

Answer: _____

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J Challenge

A harder problem. Take your time.

25. Max makes a triangle and a triangle. They don't share any sticks. How many sticks does Max use?

SHOW YOUR WORK

Answer: _____

Score by section: A ___/4 · B ___/4 · C ___/2 · D ___/2 · E ___/2 · F ___/2 · G ___/2 · H ___/2 · I ___/4 · J ___/1

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