

Name _____

3rd Grade Explorers Test 2012

Solve for x:

1. $x - 6 = 8$

2. $8 + x = 21$

3. $38 - x = 14$

4. $x + 3 = 14$

x= _____

x= _____

x= _____

x= _____

Add or Subtract:

5. $(-12) + 5$

6. $45 - (-18)$

7. $3 - 14$

8. $9 + (-10)$

5. _____

6. _____

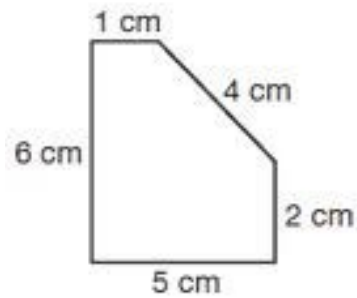
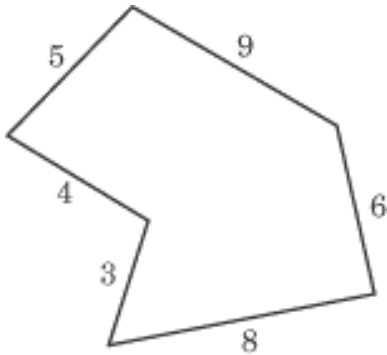
7. _____

8. _____

Find the perimeter of the shape.

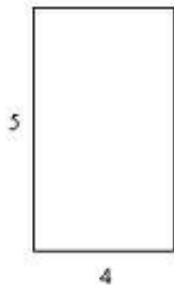
9. _____

10. _____

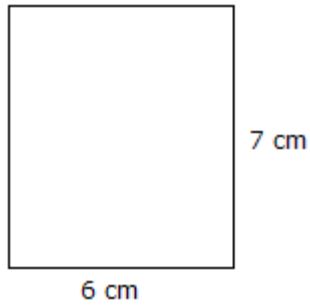


Find the area of the shape:

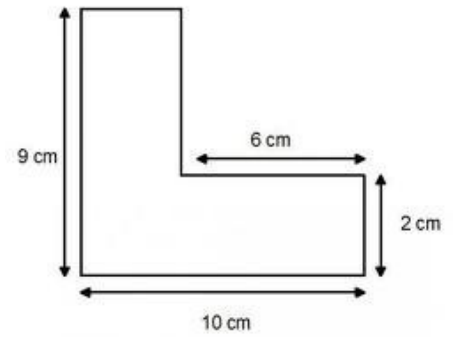
11. _____



12. _____



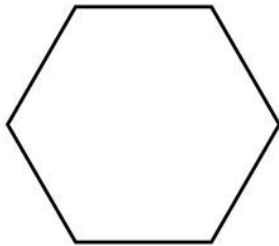
13. _____



14. If the perimeter of the triangle is 32, what does x equal?



15. What is the name of the shape?



A. pentagon

B. octagon

C. hexagon

D. heptagon

16. $3 \times 5 = \underline{\quad}$

17. $11 \times 6 = \underline{\quad}$

18. $7 \times 9 = \underline{\quad}$

19. $2 \times 8 = 16$

20. $3 \times 4 = 12$

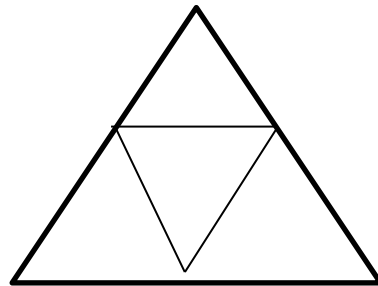
$16 \div 2 =$ _____

$12 \div 4 =$ _____

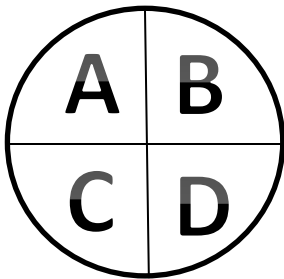
21. Color $\frac{2}{3}$ of the shape.



22. Color $\frac{3}{4}$ of the shape.

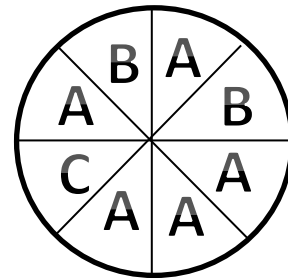


23. Probability of B



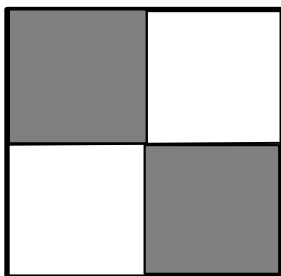
___ out of ___

24. Probability of A. Answer in a fraction.



24. _____

25. Probability of shaded squares. Answer in a fraction.



26. Continue the pattern.

0, 10, 20, _____, _____, _____, _____

27. Continue the pattern.

15, 20, 25, _____, _____, _____, _____

28. Continue the pattern.

33, 29, 25, _____, _____, _____, _____

29. Continue the pattern.

56, 48, 40, _____, _____, _____, _____

30. Continue the pattern.

1, 2, 4, 8, _____, _____

Tie Breaker: These are flipped numbers (palindromes): 555, 575. They are the same forwards and backwards. List as many flipped numbers as you can between 230 and 465?

Answers:

1. 14

2. 13

3. 24

4. 11

5. -7

6. 63

7. -11

8. -1

9. 35

10. 18

11. 20

12. 42

13. 58

14. 14

15. C