

Name: _____

Subject: Mathematics

Algebra Home Work

Activity

Use the values of the letters to complete number sentences.

A. When $a = 13$, $b = 18$, $c = 20$ and $d = 27$, then

1) $a + c = ?$
 $\square + \square = \square$

4) $d - b = ?$
 $\square - \square = \square$

2) $c - a = ?$
 $\square - \square = \square$

5) $b + a = ?$
 $\square + \square = \square$

3) $b + d = ?$
 $\square + \square = \square$

B. If $r = 10$, $s = 8$, $t = 6$ and $u = 4$, then

6) $s + t + u = ?$
 $\square + \square + \square = \square$

8) $r + t - s = ?$
 $\square + \square - \square = \square$

7) $s - u + r = ?$
 $\square - \square + \square = \square$

9) $r + s + t = ?$
 $\square + \square + \square = \square$

C. Use the value of each shape to complete number sentences.

10. When $\blacktriangle = 9$, what is $\blacktriangle + 6$? $\square + \square = \square$

11. If $\odot = 11$, then $5 + \odot = ?$ $\square + \square = \square$

12. When $\blacklozenge = 25$, what is $\blacklozenge - 8$? $\square - \square = \square$

13. If $\blacklozenge = 30$, then $\blacklozenge - 12 = ?$ $\square - \square = \square$

14. What is $13 + \blacktriangledown$ when $\blacktriangledown = 17$? $\square + \square = \square$

15. What is $14 - \heartsuit$ when $\heartsuit = 4$? $\square - \square = \square$