

5. Write down the numerical expression (do NOT calculate the values)

a) Subtract 15 from the sum of 25 and 13: _____

b) Add 102 to the difference between 22 and 15: _____

c) Multiply the difference between 25 and 17 by 3: _____

6. Compare expressions using $>$, $<$, or $=$:

$$a \square a + c$$

$$a + b \square b + a$$

$$38 - b \square 68 - b$$

$$b \square b - 5$$

$$k + 26 \square 62 + k$$

$$a - 0 \square a + 0$$

$$4 + 4 \square 4 \times 4$$

$$25 \div 5 \square 25 - 5$$

$$4 \times 6 \square 8 \times 3$$

7. Solve for x and check your answers. Use a diagram if you need it.

a. $x + 12 = 41$

$x =$ _____

$x =$ _____

Check: _____

b. $41 - x = 11$

$x =$ _____

$x =$ _____

Check: _____

8. The perimeter of the quadrilateral $ABCD$ equals 84 cm. What is the length of side AD ? Show your work.

$AD =$ _____ cm

