⚙ Let's Practice

1. Fill in the blanks.

(a) Ethan has 12 toy cars. He gives 5 cars to his youngest brother, Peter. He then receives 8 more toy cars from his father. How many cars does Ethan have left?

Number of toy cars = 12 − _____ ⬜ _____

= _____ ⬜ _____

= _____

Ethan has _____ cars left.

(b) There are 25 balloons at a party. 18 of the balloons burst. The guests help and blow up 13 more balloons. How many balloons are at the party now?

Number of balloons = 25 − _____ ⬜ _____

= _____ ⬜ _____

= _____

So, there are _____ balloons at the party now.

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(c) Wyatt has 27 baseball cards. He shares his cards equally among himself and his two brothers. His mother then gives Wyatt four more packs of two cards. How many cards does Wyatt have now?

Number of cards = 27 ÷ ____ ⬜ ____ ⬜ ____

= ____ ⬜ ____ ⬜ ____

= ____ ⬜ ____

= ____

So, Wyatt has ____ cards now.

(d) Jordan is helping his Dad paint the house. They use 20 liters of paint on the outside of the house and 40 liters of paint on the inside of the house. They then paint the shed using 3 tins of 2-liter paint. How much paint did Jordan and his Dad use?

Amount of paint = 20 + ____ ⬜ ____ ⬜ ____

= ____ ⬜ ____ ⬜ ____

= ____ ⬜ ____

= ____

So, they used ____ liters of paint.

2. Find the values.

   (a) $96 - (3 + 7)$

   (b) $96 - 3 + 7$

   (c) $96 + 3 - 7$

   (d) $96 + (7 - 3)$

3. Which of the following is correct? Show your working.

   (a) $12 + 2 \times (4 + 4) \div 2 = 14 \times (4 + 4) \div 2$
   $= 14 \times 8 \div 2$
   $= 112 \div 2$
   $= 56$

   (b) $12 + 2 \times (4 + 4) \div 2 = 12 + 2 \times 8 \div 2$
   $= 12 + 16 \div 2$
   $= 28 \div 2$
   $= 14$

   (c) $12 + 2 \times (4 + 4) \div 2 = 12 + 2 \times 8 \div 2$
   $= 12 + 16 \div 2$
   $= 12 + 8$
   $= 20$

🏠 At Home

1. Fill in the blanks.

(a) Halle has 17 pots. She breaks 11 of them. She buys 4 more pots. Halle then shares her pots equally among herself and three friends. How many pots does she have left now?

Number of pots = 17 − _____ _____ _____

= _____ _____ _____

= _____ _____

= _____

So, there are _____ pots left.

(b) Keira is going on a bike ride. She rides 7 km from her home to the park and then a further 3 km to the mall. She then rides to her friend's house at a pace of 5 minutes per km. It takes her 20 minutes to get to her friend's house from the mall. How far did Keira ride in total?

Distance rode = _____ _____ _____ _____

= _____ _____ _____

= _____ _____

= _____

So, she rode _____ km in total.

2. Find the values.

(a) 54 − (4 + 3)

(b) 54 − (4 − 3)

(c) 54 + (4 − 3)

(d) 54 + 4 + 3

3. Which of the following is correct? Show your working.

(a) 42 − 6 × (9 + 12) ÷ 3 = 36 × (9 + 12) ÷ 3
$$= 36 \times 21 \div 3$$
$$= 36 \times 7$$
$$= 252$$

(b) 42 − 6 × (9 + 12) ÷ 3 = 42 − 6 × 21 ÷ 3
$$= 42 − 126 \div 3$$
$$= 42 − 42$$
$$= 0$$

(c) 42 − 6 × (9 + 12) ÷ 3 = 42 − 6 × 3 + 12
$$= 42 − 18 + 12$$
$$= 24 + 12$$
$$= 36$$

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2. Find the values.

(a) 96 – (3 + 7)

(b) 96 – 3 + 7

(c) 96 + 3 – 7

(d) 96 + (7 – 3)

3. Which of the following is correct? Show your working.

(a) 12 + 2 x (4 + 4) ÷ 2 = 14 x (4 + 4) ÷ 2
$\qquad\qquad\qquad\quad$ = 14 x 8 ÷ 2
$\qquad\qquad\qquad\quad$ = 112 ÷ 2
$\qquad\qquad\qquad\quad$ = 56

(b) 12 + 2 x (4 + 4) ÷ 2 = 12 + 2 x 8 ÷ 2
$\qquad\qquad\qquad\quad$ = 12 + 16 ÷ 2
$\qquad\qquad\qquad\quad$ = 28 ÷ 2
$\qquad\qquad\qquad\quad$ = 14

(c) 12 + 2 x (4 + 4) ÷ 2 = 12 + 2 x 8 ÷ 2
$\qquad\qquad\qquad\quad$ = 12 + 16 ÷ 2
$\qquad\qquad\qquad\quad$ = 12 + 8
$\qquad\qquad\qquad\quad$ = 20

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