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Answer all the questions.

1. Evaluate:
   a) \( \frac{2}{3} \times 1 \frac{7}{8} \) 
      Answer: .........................
   
   b) \( 5 - 0.5 - 0.05 \) 
      Answer: .........................

   c) \( \frac{3}{5} - 2 \frac{2}{5} \div 4 \) 
      Answer: .........................

   d) \( 1 + 2 \times (3 - 4) \) 
      Answer: .........................

   e) \( 1.1 \times 0.5 \) 
      Answer: .........................

   f) \( \sqrt{7 \frac{1}{9}} \) 
      Answer: .........................
2. Estimate:
   a) \( \frac{3}{\sqrt{10}} \)
   Answer: ......................
   
   b) \( 318 \div 29 \)
   Answer: ......................
   
   c) \( \sqrt{170} \)
   Answer: ......................

3. Find the L.C.M. of 12, 18, and 30.
   Answer: ......................

   Answer: ......................

5. Arrange the following numbers in descending order.
   \( \frac{1}{6}, 0.34, 0.52, \frac{3}{10}, \sqrt{27} \)
   Answer: ..........., ..........., ..........., ..........., ...........

6. Express 7.9983 correct to:
   a) 2 significant figures
   Answer: ......................
   
   b) 2 decimal places
   Answer: ......................
   
   c) whole number
   Answer: ......................
7. Express \( 2 \frac{3}{8} \) as a decimal.

Answer: ...........................

8. Express \( \frac{5}{11} \) as a recurring decimal.

Answer: ...........................

9. Express 1.75 as a fraction to its lowest term.

Answer: ...........................

10. Study the following numbers.

\[ 7, 11, 12, 14, 15, 16, 19, 20, 24, 26, 27, 30 \]

a) Which numbers are composite?

Answer: ........................................

b) Which numbers are multiples of 4?

Answer: ........................................

  c) Which numbers are factors of 96?

Answer: ..............................

11. List the prime numbers between 40 and 70.

Answer: ........................................

12. Express 315 as a product of prime factor in index form.

Answer: ..............................
13. Draw the hands of the clock showing the time in 3 hours 38 minutes.

![Clock](https://via.placeholder.com/150)

14. Convert
   a) 50 cm to m
   Answer: ....................
   b) 1.5 tonnes to kg
   Answer: ....................
   c) 4.55 cm³ to ml
   Answer: ....................
   d) 555 minutes to hours and minutes
   Answer: ....................
   e) 16 15 in 12-hour clock
   Answer: ....................
   f) 1 650 mg to g
   Answer: ....................
   g) 6.45 am in 24-hour clock
   Answer: ....................

15. Cornflakes are sold in boxes of different sizes.

![Boxes](https://via.placeholder.com/150)

Using the information shown on the boxes above,
   a) Calculate the cost of 1 g of cornflakes in each box.

Answer: ....................
b) state which box gives the better value

Answer: ………………………

c) Find the cost of buying 10 boxes of Box B.

Answer: ………………………

16. Shade \( \frac{6}{18} \) of the shape.

17. Write the correct answer in each box.

a) \( \frac{5}{6} \) \( \underline{\phantom{1}} \) = \( \frac{1}{2} \)

b) Quarter of 100 = \( \underline{\phantom{1}} \)

c) \((-4)^3 + (-8)^2 = \underline{\phantom{1}} \)