

Decimals

Fractions, Decimals & % · Grade 4

Score: _____ / 10

★ Hard · 10 Questions

Solve each problem. Show your work in the space provided. Write your answer on the line.

1. A car travels 8.4 km in 0.6 hours.
Find its speed (km/h).

Answer: _____

2. Round 7.358 to the nearest hundredth.

Answer: _____

3. A recipe uses 0.75 kg of flour per batch.

How much flour for 12 batches?

Answer: _____

4. A plank is 7.2 m long. It is cut into pieces 0.8 m each.

How many pieces?

Answer: _____

5. The price of oranges is \$1.35 per kg.

Maria buys 2.4 kg.

How much does she pay?

Answer: _____

6. Convert $\frac{3}{4}$ to a decimal.

Answer: _____

7. Convert $\frac{7}{8}$ to a decimal.

Answer: _____

8. Add $5.67 + 2.49$.

Answer: _____

9. A tank holds 12.5 L. You add 4.75 L more.

How much in the tank now?

Answer: _____

10. Subtract $10.4 - 6.85$.

Answer: _____

Answer Key

Decimals — Hard

1. 14 km/h

Speed = distance $\div$ time = $8.4 \div 0.6$. Multiply both by 10: $84 \div 6 = 14$ km/h.

2. 7.36

Thousandths digit is $8 \geq 5$, round up hundredths: $7.358 \rightarrow 7.36$.

3. 9 kg

$0.75 \times 12 = 9.00 = 9$ kg.

4. 9 pieces

$7.2 \div 0.8$: multiply both by 10: $72 \div 8 = 9$.

5. \$3.24

1.35×2.4 : $135 \times 24 = 3,240$. Three decimal places: $\$3.240 = \3.24 .

6. 0.75

$3 \div 4 = 0.75$.

7. 0.875

$7 \div 8 = 0.875$.

8. 8.16

Line up decimals: $5.67 + 2.49 = 8.16$.

9. 17.25 L

$12.50 + 4.75 = 17.25$ L.

10. 3.55

$10.40 - 6.85 = 3.55$.