

**Homework**

Divide.

1.  $0.07 \overline{)4.2}$

2.  $0.8 \overline{)2.4}$

3.  $0.05 \overline{)4.8}$

4.  $0.24 \overline{)2.064}$

5. Circle the division that does *not* have the same answer as the others.

$54 \div 6$

$5.4 \div 0.6$

$0.54 \div 0.6$

$0.54 \div 0.06$

$0.054 \div 0.006$

Solve.

*Show your work.*

6. A beekeeper collected 7.6 liters of honey. She will pour it into bottles that each hold 0.95 liter. How many bottles will she fill?

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7. A very small dinosaur, the microraptor, was only 1.3 feet long. One of the largest dinosaurs, the diplodocus, was about 91 feet long. How many times as long as the microraptor was the diplodocus?

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8. Tomorrow in the town of Eastwood there will be a big race that is 5.25 kilometers long. A water station will be set up every 0.75 kilometer, including at the finish line. How many water stations will there be?

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9. Marisol's bedroom has an area of 29.76 square meters. The length of the room is 6.2 meters. What is its width?

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5.  $2 \text{ kL} = \underline{\hspace{2cm}} \text{ L}$   
 6.  $3,000 \text{ mL} = \underline{\hspace{2cm}} \text{ L}$   
 7.  $4,500 \text{ L} = \underline{\hspace{2cm}} \text{ kL}$   
 8.  $6.5 \text{ L} = \underline{\hspace{2cm}} \text{ mL}$   
 9.  $9.5 \text{ kL} = \underline{\hspace{2cm}} \text{ L}$   
 10.  $400 \text{ mL} = \underline{\hspace{2cm}} \text{ L}$

$\times 10 \rightarrow$     $\times 10 \rightarrow$     $\times 10 \rightarrow$     $\leftarrow \div 10$     $\leftarrow \div 10$     $\leftarrow \div 10$

1,000 L	100 L	10 L	1 L	0.1 L	0.01 L	0.001 L
kiloliter (kL)	hectoliter (hL)	dekaliter (dL)	liter (L)	deciliter (dL)	centiliter (cL)	milliliter (mL)

Complete.

3. Jorge ran  $6\frac{1}{4}$  miles on Monday. On Tuesday he ran  $\frac{3}{4}$  mile less. How far did he run on Tuesday?

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2. Ruth needs  $3\frac{7}{8}$  yards of fabric to make a small quilt. She has  $1\frac{7}{8}$  yards in her fabric box. How much more fabric does she need to buy?

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1. Jessie and Jeff are planting seeds. Jessie said she planted  $\frac{3}{8}$  of the seeds and Jeff said he planted  $\frac{2}{3}$  of the seeds. Is this possible? Explain why or why not.

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Show your work.

**Remembering**