

Write an equation to solve the problem. Use mental math or estimation to show that your answer is reasonable.

Show your work.

- 1 In a speed test, a computer took 12.4 seconds to complete one task, and 37.8 seconds to complete a more difficult task. How much time was needed to complete both tasks?

Equation: _____

Estimate: _____

- 2 To walk to school, Pablo first walks $\frac{1}{2}$ kilometer to Tanya's house. Then Pablo and Tanya walk $\frac{3}{5}$ kilometer to school. How far does Pablo walk to school?

Equation: _____

Estimate: _____

- 3 Each Saturday morning, Andy works 4 hours and earns \$34. At that rate, what does Andy earn for each hour he works?

Equation: _____

Estimate: _____

- 4 Yuri completed a race in 0.88 fewer seconds than Josie. Josie's time was 23.95 seconds. How long did it take Yuri to complete the race?

Equation: _____

Estimate: _____

Write an estimated answer for each problem. Then find and write each exact answer.

Estimated Answer

Exact Answer

$$\textcircled{1} 41 \times 77 \approx \underline{\quad} \times \underline{\quad} \approx \underline{\quad}$$

$$41 \times 77 = \underline{\quad}$$

$$\textcircled{2} 3.8 \times 1.9 \approx \underline{\quad} \times \underline{\quad} \approx \underline{\quad}$$

$$3.8 \times 1.9 = \underline{\quad}$$

$$\textcircled{3} 7.3 \times 5.01 \approx \underline{\quad} \times \underline{\quad} \approx \underline{\quad}$$

$$7.3 \times 5.01 = \underline{\quad}$$

Divide.

$$\textcircled{4} 45 \overline{)6,733}$$

$$\textcircled{5} 61 \overline{)7,892}$$

$$\textcircled{6} 28 \overline{)3,123}$$

Write a word problem for the equation. Draw a model to show the situation.

$$\textcircled{7} \frac{5}{6} \cdot c = \frac{20}{6}$$

- $\textcircled{8}$ **Stretch Your Thinking** Kaley has $2\frac{3}{8}$ yards of fabric. She cuts and uses $1\frac{1}{16}$ yards from the fabric. She estimates that less than 1 yard of fabric is left over. Is her estimate reasonable? Explain.
