English Spanish

2 Chapter Test

Check It Out
Test Practice
BigIdeasMath.com

Estimate the product or quotient.

1. $\frac{3}{8} \times \frac{7}{9}$

2. $2\frac{4}{5} \div \frac{3}{4}$

Multiply. Write the answer in simplest form.

3. $9 \times \frac{1}{4}$

4. $\frac{1}{10} \times \frac{5}{6}$

5. $1\frac{3}{7} \times 6\frac{7}{10}$

Divide. Write the answer in simplest form.

6. $\frac{1}{6} \div \frac{1}{3}$

7. $10 \div \frac{2}{5}$

8. $8\frac{3}{4} \div 2\frac{7}{8}$

Write the fraction as a decimal.

9. $\frac{4}{5}$

10. $\frac{7}{8}$

11. $\frac{9}{25}$

Write the decimal as a fraction or mixed number in simplest form.

12. 0.23

13. 0.125

14. 0.35

Evaluate the expression.

15. $\frac{1}{3} + 8 \div \frac{3}{4}$

16. $4\frac{1}{4} \div 1\frac{2}{3} + 1\frac{5}{8}$

17. **FRESHWATER FISH** Convert the lengths of both fish to decimals. Which fish is longer?

Florida gar

$2\frac{3}{8}$ feet

Chain pickerel

$2\frac{5}{14}$ feet

18. **BLOG** You spend $2\frac{1}{2}$ hours online. You spend $\frac{1}{5}$ of that time writing a blog. How long do you spend writing your blog?

19. **PIT STOP** You are in a car race. During a 10-second pit stop, the other cars gain $\frac{1}{4}$ mile on you. How much would the other cars gain on you during a one-minute pit stop?

20. **GARDEN** You border the edge of a garden with bricks that are $12\frac{1}{2}$ inches long. The length of the garden is $15\frac{1}{2}$ feet.

a. How many bricks do you need to border the length of the garden? Explain your answer.

b. A brick costs \$3. You have \$50. Do you have enough money to buy the bricks you need to border the length of the garden?