

2.4 Practice A

Tell whether the expression is *positive* or *negative* without evaluating.

1. $\frac{-7.5}{4.25}$ 2. $\frac{4}{9} \times \left(-\frac{6}{7}\right)$ 3. $-\frac{1}{5} \div \left(-\frac{2}{3}\right)$ 4. $-3.2 \times (-1.7)$

Divide. Write fractions in simplest form.

5. $-\frac{2}{7} \div \frac{10}{7}$ 6. $-\frac{1}{2} \div \left(-\frac{3}{4}\right)$ 7. $\frac{2}{3} \div (-14)$
 8. $-1\frac{1}{6} \div \frac{5}{3}$ 9. $-0.72 \div (-0.9)$ 10. $5.4 \div (-3.6)$

Multiply. Write fractions in simplest form.

11. $\frac{2}{5} \times \left(-\frac{10}{7}\right)$ 12. $-\frac{3}{4} \cdot \left(-\frac{10}{9}\right)$ 13. $\frac{3}{2} \left(-2\frac{2}{9}\right)$
 14. $\left(-1\frac{3}{8}\right)^2$ 15. -3.7×2.1 16. $-5.7 \cdot (-2.06)$

17. There are 15 people in a room. Each person ate $\frac{2}{3}$ of a pizza. There was no pizza remaining. How many pizzas were in the room?

18. During a drought, a river's height decreases by 0.35 inch every day. What is the change in the river's height after 7 days?

Evaluate.

19. $-3^2 + 4.6 \times (-0.1)$ 20. $-2\frac{2}{3} \div 1\frac{5}{6} + 2$
 21. $-4.31 \cdot 3.09 + (-0.98)$ 22. $-3 \times \left(-1\frac{7}{12}\right) - \left(-\frac{3}{2}\right)^2$
 23. Write two fractions, both not positive, whose product is $\frac{5}{8}$.

24. Fill in the blank to make the solution correct.

$$5.6 \times \underline{\quad ? \quad} = -19.04$$