

88. Writing Coefficients as Fractions

Practice Questions

1. Express $4x \div 2$ as a fraction.
2. Write $6a \div 3$ in its simplest form.
3. Express $5y \div 10$ as a fraction.
4. Write $8b \div 4$ as a fraction.
5. Simplify $9c \div 6$.
6. Express $\frac{x}{2} + \frac{x}{3}$ as a single fraction.
7. Simplify $7m \div 14$.
8. Write $2a \div 5$ as a fraction.
9. Express $10p \div 15$ in its simplest form.
10. Write $3x^2 \div 9x$ in its simplest form.

Scenario Questions

1. A car travels x miles in 4 hours. Express the speed as a fraction of x per hour.
2. A recipe uses $6a$ grams of flour for 3 cakes. Express the amount per cake as a fraction.
3. A person shares $5y$ sweets among 10 friends. Express the number of sweets per friend as a fraction.
4. A company produces $8b$ items in 4 hours. Express the production rate as a fraction.
5. A shop sells $9c$ pencils in 6 days. Express the number of pencils sold per day as a fraction.
6. A warehouse has $\frac{x}{2}$ boxes of supplies on one shelf and $\frac{x}{3}$ on another. Express the total supplies as a single fraction.
7. A builder lays $7m$ bricks in 14 minutes. Express the number of bricks laid per minute as a fraction.
8. A bag contains $2a$ apples shared among 5 people. Express the number of apples per person as a fraction.
9. A farmer harvests $10p$ potatoes in 15 fields. Express the number of potatoes harvested per field as a fraction.
10. A factory produces $3x^2$ items in $9x$ minutes. Express the production rate in its simplest fraction form.

88. Writing Coefficients as Fractions

Practice Questions

1. $\frac{4x}{2} = 2x$
2. $2a$
3. $\frac{5y}{10} = \frac{y}{2}$
4. $\frac{8b}{4} = 2b$
5. $\frac{9c}{6} = \frac{3c}{2}$
6. $\frac{5x}{6}$
7. $\frac{7m}{14} = \frac{m}{2}$
8. $\frac{2a}{5}$
9. $\frac{10p}{15} = \frac{2p}{3}$
10. $\frac{3x^2}{9x} = \frac{x}{3}$

Scenario Questions

1. $\frac{x}{4}$ miles per hour
2. $\frac{6a}{3} = 2a$ grams per cake
3. $\frac{5y}{10} = \frac{y}{2}$ sweets per friend
4. $\frac{8b}{4} = 2b$ items per hour
5. $\frac{9c}{6} = \frac{3c}{2}$ pencils per day
6. $\frac{5x}{6}$
7. $\frac{7m}{14} = \frac{m}{2}$ bricks per minute
8. $\frac{2a}{5}$ apples per person
9. $\frac{10p}{15} = \frac{2p}{3}$ potatoes per field
10. $\frac{3x^2}{9x} = \frac{x}{3}$ items per minute