

Name _____

Transform Units**COMMON CORE STANDARD—6.RP.3d**
*Understand ratio concepts and use ratio reasoning to solve problems.***Multiply or divide the quantities.**

1. $\frac{62 \text{ g}}{1 \text{ day}} \times 4 \text{ days}$

$$\frac{62 \text{ g}}{1 \text{ day}} \times \frac{4 \text{ days}}{1} = 248 \text{ g}$$

2. $322 \text{ sq yd} \div 23 \text{ yd}$

$$\frac{322 \text{ sq yd}}{23 \text{ yd}}$$

$$\frac{322 \text{ yd} \times \cancel{\text{yd}}}{23 \cancel{\text{ yd}}} = 14 \text{ yd}$$

3. $\frac{128 \text{ kg}}{1 \text{ hr}} \times 10 \text{ hr}$

4. $136 \text{ sq km} \div 8 \text{ km}$

5. $\frac{88 \text{ lb}}{1 \text{ day}} \times 12 \text{ days}$

6. $154 \text{ sq mm} \div 11 \text{ mm}$

7. $\frac{\$150}{1 \text{ sq ft}} \times 20 \text{ sq ft}$

8. $234 \text{ sq ft} \div 18 \text{ ft}$

9. $324 \text{ sq yd} \div 9 \text{ yd}$

10. $\frac{72 \text{ km}}{1 \text{ gal}} \times 20 \text{ gal}$

11. $225 \text{ sq dm} \div 5 \text{ dm}$

Problem Solving

12. Green grapes are on sale for \$2.50 a pound. How much will 9 pounds cost?

13. A car travels 32 miles for each gallon of gas. How many gallons of gas does it need to travel 192 miles?
