

Multiplying Fractions and Whole Numbers

Name: _____

Date: _____

Remember: To multiply a fraction by a whole number, multiply the numerator by the whole number and keep the denominator the same. Then simplify if possible.

Example: $3 \times \frac{2}{5} = \frac{6}{5} = 1\frac{1}{5}$

Part A: Multiply and simplify your answers

1. $4 \times \frac{1}{3} =$ _____

2. $5 \times \frac{2}{7} =$ _____

3. $3 \times \frac{3}{4} =$ _____

4. $6 \times \frac{1}{2} =$ _____

5. $2 \times \frac{5}{6} =$ _____

6. $7 \times \frac{2}{3} =$ _____

7. $8 \times \frac{3}{8} =$ _____

8. $9 \times \frac{1}{4} =$ _____

Part B: Multiply and write as a mixed number where appropriate

9. $5 \times \frac{3}{5} =$ _____

10. $4 \times \frac{5}{8} =$ _____

11. $6 \times \frac{2}{9} =$ _____

12. $3 \times \frac{7}{10} =$ _____

13. $12 \times \frac{1}{6} =$ _____

14. $10 \times \frac{3}{5} =$ _____

Part C: Word problems

15. Sarah runs $\frac{3}{4}$ of a kilometre each day. How far does she run in 5 days?

Answer: _____ km

16. A recipe calls for $\frac{2}{3}$ cup of sugar. How much sugar is needed for 6 batches?

Answer: _____ cups

17. A container holds $\frac{5}{8}$ of a litre of juice. How much juice is in 4 containers?

Answer: _____ litres

Part D: Challenge

18. $15 \times \frac{4}{9} =$ _____

19. $24 \times \frac{5}{12} =$ _____

20. $18 \times \frac{7}{6} =$ _____