

Multiplying Fractions by Whole Numbers

Write the whole number as a fraction over 1, then multiply across.

Grade: 4–5

Difficulty: ★★ — Intermediate

Problems: 20

Name: _____

Date: _____

Score: _____ / 20

Instructions: Write the whole number as a fraction (e.g. $4 = 4/1$), then multiply tops and bottoms. Simplify.

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

11. $\frac{1}{3} \times \frac{9}{1} =$ _____

2. $\frac{2}{3} \times \frac{6}{1} =$ _____

12. $\frac{4}{5} \times \frac{5}{1} =$ _____

3. $\frac{3}{4} \times \frac{8}{1} =$ _____

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

4. $\frac{1}{5} \times \frac{10}{1} =$ _____

14. $\frac{2}{9} \times \frac{9}{1} =$ _____

5. $\frac{2}{5} \times \frac{5}{1} =$ _____

15. $\frac{5}{8} \times \frac{8}{1} =$ _____

6. $\frac{3}{8} \times \frac{4}{1} =$ _____

16. $\frac{1}{6} \times \frac{6}{1} =$ _____

7. $\frac{1}{4} \times \frac{12}{1} =$ _____

17. $\frac{7}{10} \times \frac{10}{1} =$ _____

8. $\frac{5}{6} \times \frac{3}{1} =$ _____

18. $\frac{3}{11} \times \frac{11}{1} =$ _____

9. $\frac{2}{7} \times \frac{14}{1} =$ _____

19. $\frac{2}{3} \times \frac{9}{1} =$ _____

10. $\frac{3}{5} \times \frac{10}{1} =$ _____

20. $\frac{5}{7} \times \frac{7}{1} =$ _____

ANSWER KEY

1. 2

2. 4

3. 6

4. 2

5. 2

6. $3/2 = 1 \frac{1}{2}$

7. 3

8. $5/2 = 2 \frac{1}{2}$

9. 4

10. 6

11. 3

12. 4

13. 3

14. 2

15. 5

16. 1

17. 7

18. 3

19. 6

20. 5