Multiplying Fractions by Whole Numbers - ANSWER KEY

Grade 4 | Multiplying a fraction by a whole number | Version 1 of 10

Multiply the whole number by the numerator. Keep the denominator. If the product is more than 1, also write it as a mixed number or a whole number.

1. $4 \times \frac{1}{5} =$ **4/5**

2. $6 \times \frac{1}{8} =$ **6/8 = 3/4**

3. $7 \times \frac{1}{6} =$ **7/6 = 1 1/6**

4. $7 \times \frac{1}{3} =$ **7/3 = 2 1/3**

5. $4 \times \frac{3}{5} =$ **12/5 = 2 2/5**

6. $7 \times \frac{2}{5} =$ **14/5 = 2 4/5**

7. $6 \times \frac{3}{5} =$ **18/5 = 3 3/5**

8. $3 \times \frac{5}{12} =$ **15/12 = 1 3/12 = 1 1/4**

9. $4 \times \frac{11}{12} =$ **44/12 = 3 8/12 = 3 2/3**

10. $9 \times \frac{2}{3} =$ **18/3 = 6**

11. $8 \times \frac{3}{5} =$ **24/5 = 4 4/5**

12. $9 \times \frac{3}{5} =$ **27/5 = 5 2/5**

13. $4 \times \frac{3}{4} =$ **12/4 = 3**

14. $3 \times \frac{2}{3} =$ **6/3 = 2**

15. $7 \times \frac{7}{8} =$ **49/8 = 6 1/8**

16. $4 \times \frac{2}{5} =$ **8/5 = 1 3/5**

Multiplying Fractions by Whole Numbers - ANSWER KEY

Grade 4 | Multiplying a fraction by a whole number | Version 2 of 10

Multiply the whole number by the numerator. Keep the denominator. If the product is more than 1, also write it as a mixed number or a whole number.

1. $6 \times \frac{1}{12} =$ **6/12 = 1/2**

2. $7 \times \frac{1}{2} =$ **7/2 = 3 1/2**

3. $4 \times \frac{1}{4} =$ **4/4 = 1**

4. $8 \times \frac{1}{4} =$ **8/4 = 2**

5. $3 \times \frac{3}{4} =$ **9/4 = 2 1/4**

6. $6 \times \frac{7}{10} =$ **42/10 = 4 2/10 = 4 1/5**

7. $2 \times \frac{3}{4} =$ **6/4 = 1 2/4 = 1 1/2**

8. $2 \times \frac{11}{12} =$ **22/12 = 1 10/12 = 1 5/6**

9. $2 \times \frac{5}{8} =$ **10/8 = 1 2/8 = 1 1/4**

10. $6 \times \frac{2}{5} =$ **12/5 = 2 2/5**

11. $5 \times \frac{3}{4} =$ **15/4 = 3 3/4**

12. $2 \times \frac{9}{10} =$ **18/10 = 1 8/10 = 1 4/5**

13. $2 \times \frac{3}{8} =$ **6/8 = 3/4**

14. $4 \times \frac{3}{10} =$ **12/10 = 1 2/10 = 1 1/5**

15. $8 \times \frac{3}{4} =$ **24/4 = 6**

16. $6 \times \frac{2}{3} =$ **12/3 = 4**

Multiplying Fractions by Whole Numbers - ANSWER KEY

Grade 4 | Multiplying a fraction by a whole number | Version 3 of 10

Multiply the whole number by the numerator. Keep the denominator. If the product is more than 1, also write it as a mixed number or a whole number.

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

2. $2 \times \frac{1}{2} =$ **2/2 = 1**

3. $2 \times \frac{1}{10} =$ **2/10 = 1/5**

4. $5 \times \frac{1}{5} =$ **5/5 = 1**

5. $7 \times \frac{3}{4} =$ **21/4 = 5 1/4**

6. $3 \times \frac{2}{5} =$ **6/5 = 1 1/5**

7. $4 \times \frac{2}{3} =$ **8/3 = 2 2/3**

8. $8 \times \frac{2}{3} =$ **16/3 = 5 1/3**

9. $6 \times \frac{5}{8} =$ **30/8 = 3 6/8 = 3 3/4**

10. $8 \times \frac{5}{8} =$ **40/8 = 5**

11. $2 \times \frac{2}{3} =$ **4/3 = 1 1/3**

12. $2 \times \frac{4}{5} =$ **8/5 = 1 3/5**

13. $5 \times \frac{5}{6} =$ **25/6 = 4 1/6**

14. $4 \times \frac{9}{10} =$ **36/10 = 3 6/10 = 3 3/5**

15. $8 \times \frac{3}{8} =$ **24/8 = 3**

16. $7 \times \frac{2}{3} =$ **14/3 = 4 2/3**

Multiplying Fractions by Whole Numbers - ANSWER KEY

Grade 4 | Multiplying a fraction by a whole number | Version 4 of 10

Multiply the whole number by the numerator. Keep the denominator. If the product is more than 1, also write it as a mixed number or a whole number.

1. $5 \times \frac{1}{4} =$ **5/4 = 1 1/4**

2. $8 \times \frac{1}{8} =$ **8/8 = 1**

3. $8 \times \frac{1}{6} =$ **8/6 = 1 2/6 = 1 1/3**

4. $4 \times \frac{1}{12} =$ **4/12 = 1/3**

5. $9 \times \frac{5}{8} =$ **45/8 = 5 5/8**

6. $8 \times \frac{2}{5} =$ **16/5 = 3 1/5**

7. $7 \times \frac{3}{5} =$ **21/5 = 4 1/5**

8. $8 \times \frac{7}{8} =$ **56/8 = 7**

9. $8 \times \frac{5}{6} =$ **40/6 = 6 4/6 = 6 2/3**

10. $5 \times \frac{2}{3} =$ **10/3 = 3 1/3**

11. $8 \times \frac{4}{5} =$ **32/5 = 6 2/5**

12. $5 \times \frac{3}{10} =$ **15/10 = 1 5/10 = 1 1/2**

13. $3 \times \frac{4}{5} =$ **12/5 = 2 2/5**

14. $5 \times \frac{4}{5} =$ **20/5 = 4**

15. $3 \times \frac{3}{10} =$ **9/10**

16. $4 \times \frac{4}{5} =$ **16/5 = 3 1/5**

Multiplying Fractions by Whole Numbers - ANSWER KEY

Grade 4 | Multiplying a fraction by a whole number | Version 5 of 10

Multiply the whole number by the numerator. Keep the denominator. If the product is more than 1, also write it as a mixed number or a whole number.

1. $3 \times \frac{1}{10} =$ **3/10**

2. $6 \times \frac{1}{6} =$ **6/6 = 1**

3. $8 \times \frac{1}{2} =$ **8/2 = 4**

4. $8 \times \frac{1}{5} =$ **8/5 = 1 3/5**

5. $7 \times \frac{3}{8} =$ **21/8 = 2 5/8**

6. $3 \times \frac{7}{8} =$ **21/8 = 2 5/8**

7. $2 \times \frac{3}{5} =$ **6/5 = 1 1/5**

8. $7 \times \frac{4}{5} =$ **28/5 = 5 3/5**

9. $3 \times \frac{5}{6} =$ **15/6 = 2 3/6 = 2 1/2**

10. $6 \times \frac{3}{10} =$ **18/10 = 1 8/10 = 1 4/5**

11. $7 \times \frac{3}{10} =$ **21/10 = 2 1/10**

12. $6 \times \frac{7}{8} =$ **42/8 = 5 2/8 = 5 1/4**

13. $6 \times \frac{9}{10} =$ **54/10 = 5 4/10 = 5 2/5**

14. $2 \times \frac{7}{8} =$ **14/8 = 1 6/8 = 1 3/4**

15. $9 \times \frac{9}{10} =$ **81/10 = 8 1/10**

16. $5 \times \frac{11}{12} =$ **55/12 = 4 7/12**

Multiplying Fractions by Whole Numbers - ANSWER KEY

Grade 4 | Multiplying a fraction by a whole number | Version 6 of 10

Multiply the whole number by the numerator. Keep the denominator. If the product is more than 1, also write it as a mixed number or a whole number.

1. $5 \times \frac{1}{2} =$ **5/2 = 2 1/2**

2. $8 \times \frac{1}{10} =$ **8/10 = 4/5**

3. $9 \times \frac{1}{2} =$ **9/2 = 4 1/2**

4. $2 \times \frac{1}{12} =$ **2/12 = 1/6**

5. $9 \times \frac{3}{8} =$ **27/8 = 3 3/8**

6. $9 \times \frac{3}{4} =$ **27/4 = 6 3/4**

7. $3 \times \frac{3}{5} =$ **9/5 = 1 4/5**

8. $6 \times \frac{5}{12} =$ **30/12 = 2 6/12 = 2 1/2**

9. $6 \times \frac{3}{4} =$ **18/4 = 4 2/4 = 4 1/2**

10. $3 \times \frac{3}{8} =$ **9/8 = 1 1/8**

11. $3 \times \frac{7}{12} =$ **21/12 = 1 9/12 = 1 3/4**

12. $8 \times \frac{5}{12} =$ **40/12 = 3 4/12 = 3 1/3**

13. $2 \times \frac{2}{5} =$ **4/5**

14. $5 \times \frac{2}{5} =$ **10/5 = 2**

15. $7 \times \frac{5}{6} =$ **35/6 = 5 5/6**

16. $9 \times \frac{4}{5} =$ **36/5 = 7 1/5**

Multiplying Fractions by Whole Numbers - ANSWER KEY

Grade 4 | Multiplying a fraction by a whole number | Version 7 of 10

Multiply the whole number by the numerator. Keep the denominator. If the product is more than 1, also write it as a mixed number or a whole number.

1. $8 \times \frac{1}{12} =$ **8/12 = 2/3**

2. $3 \times \frac{1}{2} =$ **3/2 = 1 1/2**

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

4. $9 \times \frac{1}{3} =$ **9/3 = 3**

5. $8 \times \frac{11}{12} =$ **88/12 = 7 4/12 = 7 1/3**

6. $5 \times \frac{5}{8} =$ **25/8 = 3 1/8**

7. $6 \times \frac{4}{5} =$ **24/5 = 4 4/5**

8. $6 \times \frac{11}{12} =$ **66/12 = 5 6/12 = 5 1/2**

9. $9 \times \frac{7}{10} =$ **63/10 = 6 3/10**

10. $2 \times \frac{7}{10} =$ **14/10 = 1 4/10 = 1 2/5**

11. $9 \times \frac{7}{12} =$ **63/12 = 5 3/12 = 5 1/4**

12. $2 \times \frac{7}{12} =$ **14/12 = 1 2/12 = 1 1/6**

13. $5 \times \frac{3}{5} =$ **15/5 = 3**

14. $4 \times \frac{5}{8} =$ **20/8 = 2 4/8 = 2 1/2**

15. $5 \times \frac{7}{8} =$ **35/8 = 4 3/8**

16. $9 \times \frac{5}{6} =$ **45/6 = 7 3/6 = 7 1/2**

Multiplying Fractions by Whole Numbers - ANSWER KEY

Grade 4 | Multiplying a fraction by a whole number | Version 8 of 10

Multiply the whole number by the numerator. Keep the denominator. If the product is more than 1, also write it as a mixed number or a whole number.

1. $7 \times \frac{1}{10} =$ **7/10**

2. $4 \times \frac{1}{3} =$ **4/3 = 1 1/3**

3. $6 \times \frac{1}{5} =$ **6/5 = 1 1/5**

4. $3 \times \frac{1}{4} =$ **3/4**

5. $9 \times \frac{2}{5} =$ **18/5 = 3 3/5**

6. $4 \times \frac{5}{6} =$ **20/6 = 3 2/6 = 3 1/3**

7. $5 \times \frac{5}{12} =$ **25/12 = 2 1/12**

8. $9 \times \frac{7}{8} =$ **63/8 = 7 7/8**

9. $4 \times \frac{7}{10} =$ **28/10 = 2 8/10 = 2 4/5**

10. $6 \times \frac{7}{12} =$ **42/12 = 3 6/12 = 3 1/2**

11. $3 \times \frac{5}{8} =$ **15/8 = 1 7/8**

12. $8 \times \frac{7}{10} =$ **56/10 = 5 6/10 = 5 3/5**

13. $2 \times \frac{5}{12} =$ **10/12 = 5/6**

14. $5 \times \frac{9}{10} =$ **45/10 = 4 5/10 = 4 1/2**

15. $2 \times \frac{5}{6} =$ **10/6 = 1 4/6 = 1 2/3**

16. $9 \times \frac{3}{10} =$ **27/10 = 2 7/10**

Multiplying Fractions by Whole Numbers - ANSWER KEY

Grade 4 | Multiplying a fraction by a whole number | Version 9 of 10

Multiply the whole number by the numerator. Keep the denominator. If the product is more than 1, also write it as a mixed number or a whole number.

1. $5 \times \frac{1}{10} =$ **5/10 = 1/2**

2. $3 \times \frac{1}{3} =$ **3/3 = 1**

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

4. $5 \times \frac{1}{6} =$ **5/6**

5. $3 \times \frac{9}{10} =$ **27/10 = 2 7/10**

6. $6 \times \frac{5}{6} =$ **30/6 = 5**

7. $6 \times \frac{3}{8} =$ **18/8 = 2 2/8 = 2 1/4**

8. $7 \times \frac{11}{12} =$ **77/12 = 6 5/12**

9. $8 \times \frac{9}{10} =$ **72/10 = 7 2/10 = 7 1/5**

10. $9 \times \frac{5}{12} =$ **45/12 = 3 9/12 = 3 3/4**

11. $7 \times \frac{7}{10} =$ **49/10 = 4 9/10**

12. $9 \times \frac{11}{12} =$ **99/12 = 8 3/12 = 8 1/4**

13. $7 \times \frac{5}{8} =$ **35/8 = 4 3/8**

14. $4 \times \frac{7}{12} =$ **28/12 = 2 4/12 = 2 1/3**

15. $7 \times \frac{9}{10} =$ **63/10 = 6 3/10**

16. $5 \times \frac{7}{10} =$ **35/10 = 3 5/10 = 3 1/2**

Multiplying Fractions by Whole Numbers - ANSWER KEY

Grade 4 | Multiplying a fraction by a whole number | Version 10 of 10

Multiply the whole number by the numerator. Keep the denominator. If the product is more than 1, also write it as a mixed number or a whole number.

1. $2 \times \frac{1}{5} =$ **2/5**

2. $9 \times \frac{1}{8} =$ **9/8 = 1 1/8**

3. $9 \times \frac{1}{10} =$ **9/10**

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

5. $2 \times \frac{3}{10} =$ **6/10 = 3/5**

6. $7 \times \frac{5}{12} =$ **35/12 = 2 11/12**

7. $3 \times \frac{7}{10} =$ **21/10 = 2 1/10**

8. $5 \times \frac{3}{8} =$ **15/8 = 1 7/8**

9. $3 \times \frac{11}{12} =$ **33/12 = 2 9/12 = 2 3/4**

10. $4 \times \frac{7}{8} =$ **28/8 = 3 4/8 = 3 1/2**

11. $4 \times \frac{3}{8} =$ **12/8 = 1 4/8 = 1 1/2**

12. $4 \times \frac{5}{12} =$ **20/12 = 1 8/12 = 1 2/3**

13. $8 \times \frac{7}{12} =$ **56/12 = 4 8/12 = 4 2/3**

14. $8 \times \frac{3}{10} =$ **24/10 = 2 4/10 = 2 2/5**

15. $5 \times \frac{7}{12} =$ **35/12 = 2 11/12**

16. $7 \times \frac{7}{12} =$ **49/12 = 4 1/12**