Cotuz

Name: Date:

Multiplying Fractions

Grade 5 · Ages 10-11 · Math · Fractions · ★★

Multiply. Write each answer in simplest form on the line; an answer bigger than 1 can be a mixed number, like 15/8 = 1 7/8. For a word problem, write the number sentence and the answer with its unit.

1. 3 1/3 × 6 = _____

2. 3/4 × 5/7 = _____

3. 1 3/5 × 4 = _____

4. 5/8 × 1/10 = _____

5. 2 3/4 × 4 = _____

6. 2/3 × 1/8 = _____

7. 3/10 × 7/9 = _____

8. 3 1/5 × 5 = _____

9. 3 1/6 × 3 = _____

10. 1 1/5 × 5 = _____

11. 1/7 × 3/8 = _____

12. A jar holds 1/2 kg of flour. Maya uses 4/5 of it for a cake. How much flour goes into the cake, in kg?

_____

13. 2 2/5 × 4 = _____

14. $2/7 \times 3/4 =$ _____

15. A bag holds 3/4 kg of rice. Hiro uses 1/2 of the bag. How much rice does Hiro use, in kg?

_____

16. $3/4 \times 1/3 =$ _____

17. $1\ 5/6 \times 2 =$ _____

18. A ribbon is 4/5 m long. Elena uses 4/5 of it. How long is the piece Elena uses, in m?

_____

19. A jug holds 1/5 L of juice. Priya pours out 5/6 of it. How much juice does Priya pour out, in L?

_____

20. $7/9 \times 9/10 =$ _____

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ANSWER KEY

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1. 3 1/3 × 6 = **60/3 = 20**

2. 3/4 × 5/7 = **15/28**

3. 1 3/5 × 4 = **32/5 = 6 2/5**

4. 5/8 × 1/10 = **5/80 = 1/16**

5. 2 3/4 × 4 = **44/4 = 11**

6. 2/3 × 1/8 = **2/24 = 1/12**

7. 3/10 × 7/9 = **21/90 = 7/30**

8. 3 1/5 × 5 = **80/5 = 16**

9. 3 1/6 × 3 = **57/6 = 9 1/2**

10. 1 1/5 × 5 = **30/5 = 6**

11. 1/7 × 3/8 = **3/56**

12. A jar holds 1/2 kg of flour. Maya uses 4/5 of it for a cake. How much flour goes into the cake, in kg?

Answer: 4/5 × 1/2 = 4/10 = 2/5 kg

13. 2 2/5 × 4 = **48/5 = 9 3/5**

14. 2/7 × 3/4 = **6/28 = 3/14**

15. A bag holds 3/4 kg of rice. Hiro uses 1/2 of the bag. How much rice does Hiro use, in kg?

Answer: 1/2 × 3/4 = 3/8 kg

16. 3/4 × 1/3 = **3/12 = 1/4**

17. 1 5/6 × 2 = **22/6 = 3 2/3**

18. A ribbon is 4/5 m long. Elena uses 4/5 of it. How long is the piece Elena uses, in m?

Answer: 4/5 × 4/5 = 16/25 m

19. A jug holds 1/5 L of juice. Priya pours out 5/6 of it. How much juice does Priya pour out, in L?

Answer: 5/6 × 1/5 = 5/30 = 1/6 L

20. 7/9 × 9/10 = **63/90 = 7/10**