Cotuz

Name: Date:

Dividing Unit Fractions and Whole Numbers

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

Find the missing number in each equation and write it on the line as a whole number or a fraction in simplest form. For a word problem, write the number sentence and the answer with its unit.

1. _____ ÷ 1/8 = 16

2. 6 ÷ _____ = 60

3. _____ ÷ 7 = 1/63

4. _____ ÷ 10 = 1/20

5. _____ ÷ 1/9 = 99

6. 10 ÷ _____ = 40

7. _____ ÷ 1/4 = 12

8. 6 ÷ _____ = 48

9. _____ ÷ 9 = 1/36

10. 12 ÷ _____ = 36

11. A bag holds 1/5 kg of rice. Nia divides it equally into 6 bowls. How much rice goes into each bowl, in kg?

_____

12. _____ ÷ 2 = 1/16

13. _____ ÷ 2 = 1/14

14. Kofi shares 1/6 L of juice equally among 7 glasses. How much juice is in each glass, in L?

_____

15. _____ ÷ 1/4 = 28

16. _____ ÷ 1/5 = 55

17. _____ ÷ 6 = 1/24

18. A farm has 7 L of milk to put into jugs of 1/6 L. How many jugs does the farm fill?

_____

19. _____ ÷ 2 = 1/20

20. Chloe cuts a rope 1/5 m long into 7 equal pieces. How long is each piece, in m?

_____

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ANSWER KEY

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1. **2** ÷ 1/8 = 16

2. 6 ÷ **1/10** = 60

3. **1/9** ÷ 7 = 1/63

4. **1/2** ÷ 10 = 1/20

5. **11** ÷ 1/9 = 99

6. 10 ÷ **1/4** = 40

7. **3** ÷ 1/4 = 12

8. 6 ÷ **1/8** = 48

9. **1/4** ÷ 9 = 1/36

10. 12 ÷ **1/3** = 36

11. A bag holds 1/5 kg of rice. Nia divides it equally into 6 bowls. How much rice goes into each bowl, in kg?

    Answer: 1/5 ÷ 6 = 1/30 kg

12. **1/8** ÷ 2 = 1/16

13. **1/7** ÷ 2 = 1/14

14. Kofi shares 1/6 L of juice equally among 7 glasses. How much juice is in each glass, in L?

Answer: 1/6 ÷ 7 = 1/42 L

15. **7** ÷ 1/4 = 28

16. **11** ÷ 1/5 = 55

17. **1/4** ÷ 6 = 1/24

18. A farm has 7 L of milk to put into jugs of 1/6 L. How many jugs does the farm fill?

Answer: 7 ÷ 1/6 = 42 jugs

19. **1/10** ÷ 2 = 1/20

20. Chloe cuts a rope 1/5 m long into 7 equal pieces. How long is each piece, in m?

Answer: 1/5 ÷ 7 = 1/35 m