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. _____ ÷ 8 = 1/32

2. 11 ÷ _____ = 22

3. _____ ÷ 1/2 = 14

4. 10 ÷ _____ = 80

5. _____ ÷ 6 = 1/12

6. _____ ÷ 1/3 = 6

7. _____ ÷ 3 = 1/24

8. 8 ÷ _____ = 56

9. _____ ÷ 1/4 = 24

10. A sack holds 4 kg of flour. Sofia puts the flour into packets of 1/5 kg. How many packets does Sofia fill?

_____

11. _____ ÷ 10 = 1/50

12. _____ ÷ 1/8 = 24

13. _____ ÷ 1/4 = 40

14. 12 ÷ _____ = 60

15. A ribbon 1/4 m long is cut into 3 equal pieces. How long is each piece, in m?

_____

16. A kitchen has 4 kg of sugar to put into jars that hold 1/3 kg. How many jars does it fill?

_____

17. 2 ÷ _____ = 16

18. _____ ÷ 6 = 1/18

19. _____ ÷ 1/7 = 56

20. 4 ÷ _____ = 40

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ANSWER KEY

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1. **1/4** ÷ 8 = 1/32

2. 11 ÷ **1/2** = 22

3. **7** ÷ 1/2 = 14

4. 10 ÷ **1/8** = 80

5. **1/2** ÷ 6 = 1/12

6. **2** ÷ 1/3 = 6

7. **1/8** ÷ 3 = 1/24

8. 8 ÷ **1/7** = 56

9. **6** ÷ 1/4 = 24

10. A sack holds 4 kg of flour. Sofia puts the flour into packets of 1/5 kg. How many packets does Sofia fill?

    Answer: 4 ÷ 1/5 = 20 packets

11. **1/5** ÷ 10 = 1/50

12. **3** ÷ 1/8 = 24

13. **10** ÷ 1/4 = 40

14. 12 ÷ **1/5** = 60

15. A ribbon 1/4 m long is cut into 3 equal pieces. How long is each piece, in m?
Answer: 1/4 ÷ 3 = 1/12 m

16. A kitchen has 4 kg of sugar to put into jars that hold 1/3 kg. How many jars does it fill?
Answer: 4 ÷ 1/3 = 12 jars

17. 2 ÷ **1/8** = 16

18. **1/3** ÷ 6 = 1/18

19. **8** ÷ 1/7 = 56

20. 4 ÷ **1/10** = 40