Dividing Fractions Worksheet

Name: _____ Date: _____

A. DIVIDE THE FRACTIONS

1. 1/2 ÷ 1/4 = _____
2. 3/4 ÷ 1/2 = _____
3. 2/3 ÷ 1/3 = _____
4. 5/6 ÷ 1/2 = _____
5. 3/5 ÷ 1/10 = _____
6. 7/8 ÷ 1/4 = _____
7. 4/9 ÷ 2/3 = _____
8. 5/12 ÷ 5/6 = _____

B. DIVIDE AND SIMPLIFY

9. 2/5 ÷ 3/10 = _____
10. 7/9 ÷ 14/27 = _____
11. 3/8 ÷ 9/16 = _____
12. 5/7 ÷ 10/21 = _____
13. 4/15 ÷ 2/5 = _____
14. 11/12 ÷ 11/18 = _____

C. DIVIDE MIXED NUMBERS

15. 1 1/2 ÷ 1/2 = _____
16. 2 1/4 ÷ 3/4 = _____
17. 3 1/3 ÷ 1 1/9 = _____
18. 4 1/2 ÷ 1 1/2 = _____
19. 5 1/4 ÷ 1 3/4 = _____
20. 6 2/3 ÷ 2 2/3 = _____

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D. WORD PROBLEMS

21. Riya has 3/4 kg of flour. She puts it into bags containing 1/8 kg each.

How many bags can she fill?

Answer: _____

22. A ribbon is 2 1/2 metres long. Each piece needs to be 1/2 metre long.

How many pieces can be made?

Answer: _____

23. A bottle contains 3/5 litre of juice. Each glass holds 1/10 litre.

How many glasses can be filled?

Answer: _____

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24. A rope is 4 1/2 metres long. It is cut into pieces that are 3/4 metre long.

How many pieces can be made?

Answer: _____

E. CHALLENGE

25. 7/8 ÷ 7/16 = _____

26. 9/10 ÷ 3/20 = _____

27. 2 2/3 ÷ 1 1/3 = _____

28. A number divided by 2/3 equals 9/4.

What is the number?

Answer: _____