

First Pick

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First Pick Mult./Div. Fact Families

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Groups of 6, Grades 3-4
Rules:

1. Remove the rules and answer key. Deal out all the cards, 8 to a player. For each number less than six in the group, remove one complete set of cards.
2. Decide what fact family you want to collect. When everyone is ready, the dealer rings the bell and says "First Pick".
3. Each player trades the

number of cards needed to collect one fact family two times by saying, "I need four" or however many is needed. The other players will say, "I'll pick four," or offer a different deal.

4. The first player to collect one fact family two times (all the cards in the hand belong to one fact family) rings the bell and says, "It's a deal!"

Answer Key

There are 6 sets

6,7,23,37,39,43,46

4,8,16,24,30,31,40,45

10,11,15,21,25,29,34,44

3,13,14,20,28,33,35,42

1,12,19,27,32,41,47,48

2,5,17,18,22,36,38

$$7 \times 8 = 56$$

$$8 \times 7 = 56$$

$$56 / 7 = 8$$

$$56 / 8 = 7$$

23

43

37

26

$$7 \times 8 = 56$$

$$8 \times 7 = 56$$

$$56 / 7 = 8$$

$$56 / 8 = 7$$

7

39

6

46

$$4 \times 5 = 20$$

$$5 \times 4 = 20$$

$$20 / 4 = 5$$

$$20 / 5 = 4$$

45

4

31

8

$$4 \times 5 = 20$$

$$5 \times 4 = 20$$

$$20 / 4 = 5$$

$$20 / 5 = 4$$

30

40

16

24

$$7 \times 6 = 42$$

$$6 \times 7 = 42$$

$$42 / 6 = 7$$

$$42 / 7 = 6$$

29

25

15

10

$$7 \times 6 = 42$$

$$6 \times 7 = 42$$

$$42 / 6 = 7$$

$$42 / 7 = 6$$

11

34

44

21

$$3 \times 8 = 24$$

$$8 \times 3 = 24$$

$$24 / 3 = 8$$

$$24 / 8 = 3$$

33

20

3

14

$$3 \times 8 = 24$$

$$8 \times 3 = 24$$

$$24 / 3 = 8$$

$$24 / 8 = 3$$

35

13

28

42

$$9 \times 8 = 72$$

$$8 \times 9 = 72$$

$$72 / 9 = 8$$

$$72 / 8 = 9$$

19

48

12

32

$$9 \times 8 = 72$$

$$8 \times 9 = 72$$

$$72 / 9 = 8$$

$$72 / 8 = 9$$

27

41

47

1

$$3 \times 4 = 12$$

18

$$4 \times 3 = 12$$

36

$$12 / 3 = 4$$

22

$$12 / 4 = 3$$

38

$$3 \times 4 = 12$$

5

$$4 \times 3 = 12$$

17

$$12 / 3 = 4$$

9

$$12 / 4 = 3$$

2