

Name: _____

Multiplication - Number Fact Families E



Strategy: 9x - "Tens Less One Set"

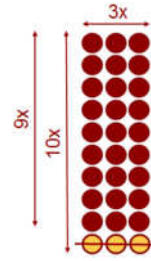
9 is one less than 10 so x 10 and take away one set.

Think: 9 x 6 is the same as 10 x 6 – 1 x 6

or

Think: 9 x 6... one less than 6 is 5... fifty-what? 5 + 4 = 9... 54

There are also some finger games you can play for x 9.



Number Fact Family for 8 x 9 (x 10 take 8)

1) $8 \times 9 =$ _____ 2) $9 \times 8 =$ _____

3) $72 \div 9 =$ _____ 4) $72 \div 8 =$ _____

Number Fact Family for 6 x 9 (x 10 take 6)

5) $6 \times 9 =$ _____ 6) $9 \times 6 =$ _____

7) $54 \div 9 =$ _____ 8) $54 \div 6 =$ _____

Related Facts

Write the Number

9) $9 \times 4 =$ _____

11) _____

17) $9 \times 9 =$ _____

19) $81 \div 9 =$ _____

25) _____

27) $99 \div 9 =$ _____

29) $5 \times 9 =$ _____

31) _____

33) _____

35) $27 \div 9 =$ _____



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28) $99 \div 11 =$ _____

30) $9 \times 5 =$ _____

32) _____

34) _____

36) $27 \div 3 =$ _____

37) $10 \times 9 =$ _____ 38) $9 \times 7 =$ _____

39) $0 \times 9 =$ _____ 40) $9 \times 12 =$ _____

41) $2 \times 9 =$ _____ 42) $9 \times 5 =$ _____

43) $1 \times 9 =$ _____ 44) $9 \times 6 =$ _____

Division: $\div 9$, \div Related Fact

45) $27 \div 9 =$ _____ 46) $54 \div 6 =$ _____

47) $81 \div 9 =$ _____ 48) $90 \div 9 =$ _____

49) $18 \div 3 =$ _____ 50) $63 \div 9 =$ _____

51) $9 \div 9 =$ _____ 52) $108 \div 12 =$ _____

These worksheets are part of the Professor Pete's Gadgets eBook "Number Fact Families".

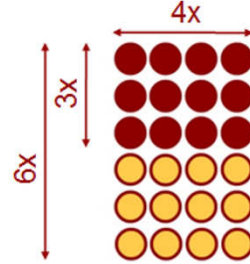
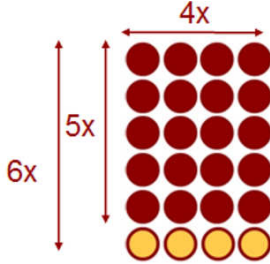
Name: _____

Multiplication - Number Fact Families F



Strategy: 6x - "Build From Fives, Double 3x"

Think: 6×4 is the same as (5×4) then add 4 = $20 + 4$ or 6×4 is the same as 3×4 (12) doubled $6 \times 4 = 24$



Number Fact Family for 8 x 6

1) $8 \times 6 =$ _____ 2) $6 \times 8 =$ _____

3) $48 \div 6 =$ _____

Number Fact Family for 12 x 6

5) $12 \times 6 =$ _____ 6) $6 \times 12 =$ _____

7) _____ \div _____ = _____

Related Facts

Write the Number

9) $9 \times 6 =$ _____

11) _____ \div _____ = _____

17) _____ \times _____ = _____

19) $42 \div 6 =$ _____ 20) $42 \div 7 =$ _____

21) $4 \times 6 =$ _____ 22) $6 \times 4 =$ _____

23) _____ \div _____ = _____ 24) _____ \div _____ = _____

25) _____ \times _____ = _____ 26) _____ \times _____ = _____

27) $66 \div 6 =$ _____ 28) $66 \div 11 =$ _____

31) $0 \times 6 =$ _____ 32) $6 \times 8 =$ _____

33) $12 \times 6 =$ _____ 34) $6 \times 6 =$ _____

35) $6 \times 6 =$ _____ 36) $6 \times 7 =$ _____

Division: \div 6, \div Related Fact

37) $6 \div 6 =$ _____ 38) $48 \div 8 =$ _____

39) $24 \div 4 =$ _____ 40) $54 \div 6 =$ _____

41) $66 \div 6 =$ _____ 42) $36 \div 6 =$ _____

43) $30 \div 5 =$ _____ 44) $72 \div 12 =$ _____



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Multiplication - Number Fact Families G

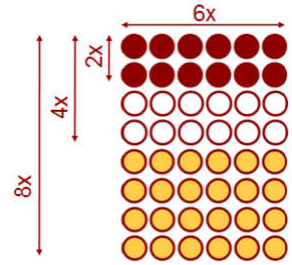


Strategy: 8x - "Double Double Double"

This is a tricky strategy so take care.

Think: 8x6 is the same as double 6, double 12, then double 24

NB: Most 8x facts will have been covered in other sets by this stage.



Number Fact Family for 7 x 8

- 1) $7 \times 8 =$ _____ 2) $8 \times 7 =$ _____
 3) $56 \div 8 =$ _____ 4) $56 \div 7 =$ _____

Number Fact Family for 12 x 8

- 5) $12 \times 8 =$ _____ 6) $8 \times 12 =$ _____
 7) $96 \div 6 =$ _____ 8) $96 \div 12 =$ _____

Related Facts



Write the Number

- 9) $5 \times 8 =$ _____
 11) _____

17) $8 \times 8 =$ _____

19) $64 \div 8 =$ _____

25) _____

_____ x _____ = _____ _____ x _____ = _____

27) $48 \div 8 =$ _____ 28) $48 \div 6 =$ _____

29) $4 \times 8 =$ _____ 30) $8 \times 4 =$ _____

31) _____ \div _____ = _____ 32) _____ \div _____ = _____

33) _____ x _____ = _____ 34) _____ x _____ = _____

35) $16 \div 8 =$ _____ 36) $16 \div 2 =$ _____

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37) $12 \times 8 =$ _____ 38) $8 \times 12 =$ _____

39) $7 \times 8 =$ _____ 40) $8 \times 6 =$ _____

41) $2 \times 8 =$ _____ 42) $8 \times 8 =$ _____

43) $1 \times 8 =$ _____ 44) $8 \times 4 =$ _____

Division: $\div 8$, \div Related Fact

45) $16 \div 8 =$ _____ 46) $40 \div 8 =$ _____

47) $32 \div 8 =$ _____ 48) $24 \div 8 =$ _____

49) $88 \div 8 =$ _____ 50) $64 \div 8 =$ _____

51) $80 \div 8 =$ _____ 52) $48 \div 8 =$ _____

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