

Fact Families- Connecting Multiplication & Division

*Remember: Fact families uses the **Commutativity** strategy: *Think 'use your turn around facts'*.

12 x 10 =	12 x 8 =	3 x = 9
10 x 12 =	8 x 12 =	3 x 3 =
120 ÷ 12 =	÷ 12 = 8	_ ÷ 3 = 3
120 ÷ 10 =	96 ÷ = 12	9 ÷ 3 =
9 x 12 =	x 4 = 20	x 4 = 48
x 9 = 108	4 x = 20	x 12 = 48
108 ÷ 9 =	÷ 5 = 4	48 ÷ = 4
108 ÷ 12 =	20 ÷ 4 =	÷ 4 = 12
4 x 4 =	4 x 5 =	x 10 = 110
4 x = 16	5 x = 20	x 11 = 110
16 ÷ = 4	20 ÷ = 5	÷ 11 = 10
÷ 4 = 4	20 ÷ 5 =	÷ 10 = 11
11 x = 88	4 x 6 =	6 x 12 =
x 11 = 88	6 x = 24	x 6 = 72
88 ÷ 11 =	24 ÷ = 6	72 ÷ = 12
88 ÷ = 11	24 ÷ 6 =	72 ÷ = 6
11 x = 132	5 x 9 =	12 x 12 =
12 x = 132	x 5 = 45	12 x = 144
÷ 11 = 12	÷ 5 = 9	144 ÷ = 12
132 ÷ = 11	45 ÷ = 5	÷ 12 = 12