ADD/SUBTRACT/MULTIPLY/DIVIDE SIMPLE FRACTIONS EXERCISES
ANSWER KEY

Addition:

1. 3/5 + 4/5 =

   3/5 + 4/5 = 7/5

2. 14/30 + 1/6 =

   14/30 + 1/6 = 14/30 + 5/6 = 19/30

3. 3/21 + 7/7 =

   3/21 + 21/21 = 24/21 or 1 3/21

4. 3/5 + 1/8=

   3/5 + 1/8 = 24/40 + 5/40 = 29/40

5. 2/3 + 7/9 =

   2/3 + 7/9 = 6/9 +7/9 = 13/9 or 1 4/9

6. 3/8 + 1/2 =

   3/8 + 1/2 = 3/8 + 4/8 = 7/8

Subtraction:

1. 9/10 - 5/10

   9/10 − 5/10 = 4/10 or 2/5

2. 6/9 - 1/12 =

   6/9 − 1/12 = 72/108 − 9/108 = 63/108 or 7/12

3. 6/18 - 1/6 =

   6/18 -1/6 = 6/18 − 3/18 = 3/18 or 1/6

4. 7/6 - 4/5 =

   7/6 − 4/5 = 35/30 − 24/30 = 11/30

5. 15/35 - 3/15 =

   15/35-3/15= 225/525 -105/525 =

   120/525 or 24/105

6. 8/5 - 5/6 =

   8/5 − 5/6 = 48/30-25/30 = 23/30

Multiplication:

1. 1/5 x 4/5 =

   1/5 x4/5 = 4/25

2. 3/4 x 1/2 =

   3/4 x 1/2 = 3/8

3. 4/8 x 10/10 =

   4/8 x 10/10 = 40/80 or 4/8

4. 3/9 x 2/10 =

   3/9 x 2/10 = 6/90 or 2/30 or 1/15

5. 5/9 x 1/3 =

   5/9 x 1/3 = 5/27

6. 5/11 x 1/6 =

   5/11 x 1/6 = 5/66

Division:

1. 1/4 ÷ 1/3 =

   1/4 x 3/1 = 3/4

2. 3/7 ÷ 3/4 =

   3/7 x 4/3 = 12/21 or 4/7

3. 1/8 ÷ 4/5 =

   1/8 x 5/4 = 5/32

4. 2/11 ÷ 9/12 =

   2/11 x 12/9 = 24/99

5. 4/10 ÷ 9/10 =

   4/10 x 10/9 = 40/90 or 4/9

6. 1/100 ÷ 35/40 =

   1/100 x 40/35 = 40/3500 or 4/350 or 2/175

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