

Ways Of Writing Equivalent Ratios

Write five equivalent ratios for each problem

1) $\frac{2}{3}$

$$2:3 \times 2 = 4:6$$

$$2:3 \times 3 = 6:9$$

$$2:3 \times 4 = 8:12$$

$$2:3 \times 5 = 10:15$$

$$2:3 \times 6 = 12:18$$

5) 3 : 5

$$3:5 \times 12 = 36:60$$

$$3:5 \times 10 = 30:50$$

$$3:5 \times 6 = 18:30$$

$$3:5 \times 9 = 27:45$$

$$3:5 \times 2 = 6:10$$

2) $\frac{4}{7}$

$$4:7 \times 2 = 8:14$$

$$4:7 \times 5 = 20:35$$

$$4:7 \times 7 = 28:49$$

$$4:7 \times 9 = 36:63$$

$$4:7 \times 11 = 44:77$$

6) 40 : 32

$$40:32 \div 4 = 10:8$$

$$40:32 \div 8 = 5:4$$

$$40:32 \div 2 = 20:16$$

$$40:32 \times 3 = 120:96$$

$$40:32 \times 6 = 240:192$$

3) 24 : 4

$$24:4 \div 2 = 12:2$$

$$24:4 \div 4 = 6:1$$

$$24:4 \times 3 = 72:12$$

$$24:4 \times 5 = 120:20$$

$$24:4 \times 8 = 192:32$$

7) 3 to 4

$$3:4 \times 3 = 9:12$$

$$3:4 \times 5 = 15:20$$

$$3:4 \times 7 = 21:28$$

$$3:4 \times 9 = 27:36$$

$$3:4 \times 10 = 30:40$$

4) 15 : 30

$$15:30 \div 15 = 1:2$$

$$15:30 \div 3 = 5:10$$

$$15:30 \div 5 = 3:6$$

$$15:30 \times 3 = 45:90$$

$$15:30 \times 7 = 105:210$$

8) $\frac{7}{9}$

$$7:9 \times 2 = 14:18$$

$$7:9 \times 3 = 21:27$$

$$7:9 \times 6 = 42:54$$

$$7:9 \times 8 = 56:72$$

$$7:9 \times 9 = 63:81$$