

Name : _____

Ratios Worksheet

Fill in the blanks to make the ratios equivalent.

(1) $1:2 = \underline{\quad} : 4 = \underline{\quad} : 6 = 4 : \underline{\quad} = \underline{\quad} : 10 = 6 : \underline{\quad}$

(2) $1:3 = \underline{\quad} : 6 = 3 : \underline{\quad} = \underline{\quad} : 12 = 5 : \underline{\quad} = 6 : \underline{\quad}$

(3) $1:7 = \underline{\quad} : 14 = \underline{\quad} : 21 = 4 : \underline{\quad} = 5 : \underline{\quad} = \underline{\quad} : 42$

(4) $2:5 = \underline{\quad} : 10 = \underline{\quad} : 15 = 8 : \underline{\quad} = \underline{\quad} : 25 = \underline{\quad} : 30$

(5) $2:4 = \underline{\quad} : 8 = \underline{\quad} : 12 = 8 : \underline{\quad} = \underline{\quad} : 20 = 12 : \underline{\quad}$

(6) $5:9 = 10 : \underline{\quad} = 15 : \underline{\quad} = 20 : \underline{\quad} = 25 : \underline{\quad} = \underline{\quad} : 54$

(7) $1:5 = \underline{\quad} : 10 = 3 : \underline{\quad} = 4 : \underline{\quad} = 5 : \underline{\quad} = 6 : \underline{\quad}$

(8) $3:2 = \underline{\quad} : 4 = \underline{\quad} : 6 = 12 : \underline{\quad} = \underline{\quad} : 10 = 18 : \underline{\quad}$

(9) $1:8 = \underline{\quad} : 16 = \underline{\quad} : 24 = 4 : \underline{\quad} = \underline{\quad} : 40 = \underline{\quad} : 48$

(10) $3:1 = \underline{\quad} : 2 = \underline{\quad} : 3 = 12 : \underline{\quad} = 15 : \underline{\quad} = \underline{\quad} : 6$

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Answers

(1) $1:2 = \underline{2} : 4 = \underline{3} : 6 = 4 : \underline{8} = \underline{5} : 10 = 6 : \underline{12}$

(2) $1:3 = \underline{2} : 6 = 3 : \underline{9} = \underline{4} : 12 = 5 : \underline{15} = 6 : \underline{18}$

(3) $1:7 = \underline{2} : 14 = \underline{3} : 21 = 4 : \underline{28} = 5 : \underline{35} = \underline{6} : 42$

(4) $2:5 = \underline{4} : 10 = \underline{6} : 15 = 8 : \underline{20} = \underline{10} : 25 = \underline{12} : 30$

(5) $2:4 = \underline{4} : 8 = \underline{6} : 12 = 8 : \underline{16} = \underline{10} : 20 = 12 : \underline{24}$

(6) $5:9 = 10 : \underline{18} = 15 : \underline{27} = 20 : \underline{36} = 25 : \underline{45} = \underline{30} : 54$

(7) $1:5 = \underline{2} : 10 = 3 : \underline{15} = 4 : \underline{20} = 5 : \underline{25} = 6 : \underline{30}$

(8) $3:2 = \underline{6} : 4 = \underline{9} : 6 = 12 : \underline{8} = \underline{15} : 10 = 18 : \underline{12}$

(9) $1:8 = \underline{2} : 16 = \underline{3} : 24 = 4 : \underline{32} = \underline{5} : 40 = \underline{6} : 48$

(10) $3:1 = \underline{6} : 2 = \underline{9} : 3 = 12 : \underline{4} = 15 : \underline{5} = \underline{18} : 6$