



## Multiplying

Find each product.

$$1) -2\frac{7}{10} \times 7\frac{3}{10} \times 6\frac{4}{11} \times 7\frac{2}{9}$$

$$2) -1\frac{3}{11} \times -3\frac{11}{15} \times 3\frac{5}{8} \times -2\frac{1}{10}$$

$$3) 2\frac{1}{3} \times -1\frac{13}{14} \times 1\frac{2}{3} \times -1\frac{2}{3}$$

$$4) 4\frac{11}{12} \times -3\frac{1}{3} \times -1\frac{1}{10} \times 5\frac{11}{12}$$

$$5) 6\frac{4}{11} \times -7 \times 5\frac{1}{2} \times \frac{11}{12}$$

$$6) 7\frac{1}{7} \times -3\frac{13}{14} \times -1\frac{3}{16} \times 3\frac{1}{14}$$

$$7) 6\frac{1}{9} \times 8 \times -1\frac{1}{12} \times -2\frac{5}{6}$$

$$8) 3\frac{7}{13} \times -9 \times 3\frac{7}{16} \times \frac{5}{8}$$

$$9) -5\frac{1}{14} \times 2\frac{1}{10} \times 7\frac{7}{8} \times 8\frac{2}{7}$$

$$10) -2\frac{1}{8} \times 5\frac{1}{11} \times -11 \times \frac{7}{12}$$

11)  $-3\frac{7}{11} \times -2\frac{7}{15} \times 6\frac{7}{9} \times 6\frac{9}{10}$

12)  $4\frac{1}{10} \times -3\frac{5}{12} \times 3\frac{9}{10} \times 6\frac{3}{10}$

13)  $-2\frac{5}{7} \times 7\frac{1}{14} \times 5\frac{14}{15} \times 2\frac{1}{9}$

14)  $-15\frac{7}{12} \times -1\frac{4}{13} \times 1\frac{7}{12} \times -8$

15)  $-2\frac{7}{11} \times -3\frac{3}{7} \times 7\frac{1}{13} \times -7\frac{3}{4}$

16)  $8\frac{1}{8} \times -5 \times 1\frac{1}{6} \times -11$

17)  $2\frac{1}{5} \times -11 \times -1\frac{7}{16} \times 4\frac{1}{5}$

18)  $-2\frac{1}{2} \times 2\frac{6}{13} \times 8\frac{2}{9} \times 4\frac{1}{8}$

19)  $8\frac{1}{2} \times -3\frac{3}{14} \times 1\frac{11}{14} \times \frac{1}{3}$

20)  $8\frac{1}{7} \times -3\frac{3}{4} \times 1\frac{3}{10} \times -3\frac{5}{6}$

$$21) 2\frac{1}{12} \times 7\frac{2}{7} \times -1\frac{13}{16} \times -3\frac{5}{11}$$

$$22) 7\frac{2}{7} \times 6\frac{2}{9} \times -2\frac{9}{10} \times \frac{4}{9}$$

$$23) -2\frac{5}{11} \times -4\frac{5}{9} \times 8\frac{13}{16} \times -1\frac{9}{10}$$

$$24) -1\frac{7}{12} \times 8\frac{1}{6} \times 1\frac{1}{4} \times 6\frac{3}{4}$$

$$25) 3\frac{3}{8} \times -12\frac{5}{8} \times 14\frac{5}{14} \times \frac{7}{12}$$

$$26) -3\frac{1}{5} \times 1\frac{1}{4} \times -14 \times \frac{5}{12}$$

$$27) 3\frac{3}{13} \times 5\frac{13}{14} \times -3\frac{5}{14} \times \frac{5}{14}$$

$$28) 1\frac{7}{9} \times 1\frac{1}{2} \times -2\frac{2}{7} \times 2\frac{9}{10}$$

$$29) 4\frac{8}{15} \times -3\frac{8}{15} \times 8\frac{3}{16} \times -1\frac{11}{15}$$

$$30) 7\frac{1}{5} \times 2\frac{5}{12} \times -3\frac{5}{14} \times 2\frac{7}{8}$$

Find each product.

$$1) -2\frac{7}{10} \times 7\frac{3}{10} \times 6\frac{4}{11} \times 7\frac{2}{9}$$
$$-905\frac{19}{22}$$

$$2) -1\frac{3}{11} \times -3\frac{11}{15} \times 3\frac{5}{8} \times -2\frac{1}{10}$$
$$-36\frac{47}{275}$$

$$3) 2\frac{1}{3} \times -1\frac{13}{14} \times 1\frac{2}{3} \times -1\frac{2}{3}$$
$$12\frac{1}{2}$$

$$4) 4\frac{11}{12} \times -3\frac{1}{3} \times -1\frac{1}{10} \times 5\frac{11}{12}$$
$$106\frac{287}{432}$$

$$5) 6\frac{4}{11} \times -7 \times 5\frac{1}{2} \times \frac{11}{12}$$
$$-224\frac{7}{12}$$

$$6) 7\frac{1}{7} \times -3\frac{13}{14} \times -1\frac{3}{16} \times 3\frac{1}{14}$$
$$102\frac{3823}{10976}$$

$$7) 6\frac{1}{9} \times 8 \times -1\frac{1}{12} \times -2\frac{5}{6}$$
$$150\frac{5}{81}$$

$$8) 3\frac{7}{13} \times -9 \times 3\frac{7}{16} \times \frac{5}{8}$$
$$-68\frac{349}{832}$$

$$9) -5\frac{1}{14} \times 2\frac{1}{10} \times 7\frac{7}{8} \times 8\frac{2}{7}$$
$$-694\frac{73}{80}$$

$$10) -2\frac{1}{8} \times 5\frac{1}{11} \times -11 \times \frac{7}{12}$$
$$69\frac{5}{12}$$

$$11) -3\frac{7}{11} \times -2\frac{7}{15} \times 6\frac{7}{9} \times 6\frac{9}{10}$$

$$419\frac{239}{495}$$

$$12) 4\frac{1}{10} \times -3\frac{5}{12} \times 3\frac{9}{10} \times 6\frac{3}{10}$$

$$-344\frac{739}{4000}$$

$$13) -2\frac{5}{7} \times 7\frac{1}{14} \times 5\frac{14}{15} \times 2\frac{1}{9}$$

$$-240\frac{619}{1470}$$

$$14) -15\frac{7}{12} \times -1\frac{4}{13} \times 1\frac{7}{12} \times -8$$

$$-258\frac{29}{234}$$

$$15) -2\frac{7}{11} \times -3\frac{3}{7} \times 7\frac{1}{13} \times -7\frac{3}{4}$$

$$-495\frac{753}{1001}$$

$$16) 8\frac{1}{8} \times -5 \times 1\frac{1}{6} \times -11$$

$$521\frac{17}{48}$$

$$17) 2\frac{1}{5} \times -11 \times -1\frac{7}{16} \times 4\frac{1}{5}$$

$$146\frac{43}{400}$$

$$18) -2\frac{1}{2} \times 2\frac{6}{13} \times 8\frac{2}{9} \times 4\frac{1}{8}$$

$$-208\frac{28}{39}$$

$$19) 8\frac{1}{2} \times -3\frac{3}{14} \times 1\frac{11}{14} \times \frac{1}{3}$$

$$-16\frac{103}{392}$$

$$20) 8\frac{1}{7} \times -3\frac{3}{4} \times 1\frac{3}{10} \times -3\frac{5}{6}$$

$$152\frac{19}{112}$$

$$21) 2\frac{1}{12} \times 7\frac{2}{7} \times -1\frac{13}{16} \times -3\frac{5}{11}$$

$$95\frac{95}{2464}$$

$$22) 7\frac{2}{7} \times 6\frac{2}{9} \times -2\frac{9}{10} \times \frac{4}{9}$$

$$-58\frac{58}{135}$$

$$23) -2\frac{5}{11} \times -4\frac{5}{9} \times 8\frac{13}{16} \times -1\frac{9}{10}$$

$$-187\frac{397}{1760}$$

$$24) -1\frac{7}{12} \times 8\frac{1}{6} \times 1\frac{1}{4} \times 6\frac{3}{4}$$

$$-109\frac{13}{128}$$

$$25) 3\frac{3}{8} \times -12\frac{5}{8} \times 14\frac{5}{14} \times \frac{7}{12}$$

$$-356\frac{437}{512}$$

$$26) -3\frac{1}{5} \times 1\frac{1}{4} \times -14 \times \frac{5}{12}$$

$$23\frac{1}{3}$$

$$27) 3\frac{3}{13} \times 5\frac{13}{14} \times -3\frac{5}{14} \times \frac{5}{14}$$

$$-22\frac{2459}{2548}$$

$$28) 1\frac{7}{9} \times 1\frac{1}{2} \times -2\frac{2}{7} \times 2\frac{9}{10}$$

$$-17\frac{71}{105}$$

$$29) 4\frac{8}{15} \times -3\frac{8}{15} \times 8\frac{3}{16} \times -1\frac{11}{15}$$

$$227\frac{2153}{6750}$$

$$30) 7\frac{1}{5} \times 2\frac{5}{12} \times -3\frac{5}{14} \times 2\frac{7}{8}$$

$$-167\frac{527}{560}$$