

Multiplying Signed Mixed Numbers

Find each product.

1) $\left(-2\frac{1}{3}\right)\left(-1\frac{3}{4}\right)$

2) $\left(5\frac{1}{8}\right)\left(-1\frac{1}{4}\right)$

3) $\left(-2\frac{1}{9}\right)\left(\frac{4}{7}\right)$

4) $\left(-2\frac{1}{6}\right)\left(-1\frac{3}{4}\right)$

5) $\left(-2\frac{5}{6}\right)\left(4\frac{1}{4}\right)$

6) $\left(1\frac{1}{7}\right)\left(-1\frac{1}{5}\right)$

7) $\left(-3\frac{2}{7}\right)\left(2\frac{7}{10}\right)$

8) $\left(-1\frac{4}{7}\right)\left(\frac{1}{2}\right)$

9) $\left(1\frac{1}{2}\right)\left(-1\frac{1}{8}\right)\left(-2\frac{9}{10}\right)$

10) $\left(1\frac{3}{7}\right)\left(-4\frac{1}{4}\right)\left(2\frac{3}{7}\right)$

11) $\left(-2\frac{1}{4}\right)\left(-3\frac{3}{8}\right)\left(-1\frac{1}{2}\right)$

12) $\left(1\frac{1}{2}\right)\left(5\frac{3}{5}\right)\left(-3\frac{1}{4}\right)$

$$13) \left(4\frac{2}{3}\right)\left(-2\frac{4}{5}\right)\left(1\frac{1}{6}\right)$$

$$14) \left(-4\frac{3}{10}\right)\left(-3\frac{1}{8}\right)\left(\frac{3}{4}\right)$$

$$15) \left(3\frac{1}{7}\right)\left(-1\frac{3}{4}\right)\left(3\frac{3}{5}\right)$$

$$16) \left(-2\frac{1}{10}\right)\left(1\frac{5}{6}\right)\left(5\frac{1}{6}\right)$$

$$17) \left(4\frac{5}{8}\right)\left(-3\frac{1}{10}\right)\left(\frac{1}{7}\right)\left(\frac{6}{7}\right)$$

$$18) \left(2\frac{9}{10}\right)\left(-3\frac{3}{4}\right)\left(5\frac{1}{6}\right)\left(-2\frac{3}{8}\right)$$

$$19) \left(5\frac{5}{6}\right)\left(-2\frac{5}{6}\right)\left(3\frac{6}{7}\right)\left(3\frac{7}{10}\right)$$

$$20) \left(-2\frac{1}{2}\right)\left(-1\frac{5}{9}\right)\left(4\frac{1}{3}\right)\left(1\frac{1}{7}\right)$$

$$21) \left(-1\frac{1}{4}\right)\left(-3\frac{3}{7}\right)\left(5\frac{3}{4}\right)\left(3\frac{2}{3}\right)$$

$$22) \left(-2\frac{1}{3}\right)\left(-2\frac{3}{4}\right)\left(-3\frac{1}{9}\right)\left(-2\frac{1}{5}\right)$$

$$23) \left(1\frac{7}{9}\right)\left(-1\frac{5}{6}\right)\left(3\frac{1}{4}\right)\left(-3\frac{1}{3}\right)$$

$$24) \left(1\frac{5}{8}\right)\left(4\frac{3}{5}\right)\left(-3\frac{1}{5}\right)\left(-1\frac{1}{2}\right)$$

Answers to Multiplying Signed Mixed Numbers

1) $4\frac{1}{12}$

2) $-6\frac{13}{32}$

3) $-1\frac{13}{63}$

4) $3\frac{19}{24}$

5) $-12\frac{1}{24}$

6) $-1\frac{13}{35}$

7) $-8\frac{61}{70}$

8) $-\frac{11}{14}$

9) $4\frac{143}{160}$

10) $-14\frac{73}{98}$

11) $-11\frac{25}{64}$

12) $-27\frac{3}{10}$

13) $-15\frac{11}{45}$

14) $10\frac{5}{64}$

15) $-19\frac{4}{5}$

16) $-19\frac{107}{120}$

17) $-1\frac{1481}{1960}$

18) $133\frac{57}{128}$

19) $-235\frac{7}{8}$

20) $19\frac{7}{27}$

21) $90\frac{5}{14}$

22) $43\frac{124}{135}$

23) $35\frac{25}{81}$

24) $35\frac{22}{25}$