

22) $\frac{35}{3} \div 5$

22) _____

A) $\frac{175}{3}$

B) $\frac{7}{3}$

C) 7

D) $\frac{3}{7}$

$$\frac{35}{3} \div 5 = \frac{35}{3} \cdot \frac{1}{5} = \frac{7}{3} \cdot \frac{1}{1} = \frac{7}{3}$$

23)

$\frac{-14}{-\frac{1}{7}}$

23) _____

A) $\frac{2}{49}$

B) $\frac{49}{2}$

C) $-\frac{49}{2}$

D) $\frac{1}{8}$

$$\frac{-14}{1} \div \frac{-4}{7}$$

$$\frac{-14}{1} \div \frac{-4}{7} = \frac{7}{1} \cdot \frac{7}{2} = \frac{49}{2}$$

I divided by -2 to lose (-)

Divide. Express the quotient as a mixed number in lowest terms.

24) $5\frac{4}{7} \div \frac{3}{7}$

24) _____

A) 14

B) $11\frac{1}{2}$

C) 13

D) 12

$$5\frac{4}{7} \times \frac{7}{7} = \frac{35+4}{7} = \frac{39}{7}$$

$$\frac{39}{7} \div \frac{3}{7} = \frac{39}{7} \cdot \frac{7}{3} = \frac{13}{1} \cdot \frac{1}{1} = 13$$

25) $20 \div 3\frac{1}{3}$

25) _____

A) 7

B) 5

C) $4\frac{1}{2}$

D) 6

$$20 \div 3\frac{1}{3} = \frac{20}{1} \div \frac{10}{3} = \frac{20}{1} \cdot \frac{3}{10} = 2 \cdot \frac{3}{1} = 6$$