To divide by a fraction you need:

- All fractions
- Flip the fraction by which you are dividing (Take the reciprocal of the divisor.)
- Change division to multiplication, and <u>now</u> you can:
- Reduce if possible
- Multiply straight across

1)
$$\frac{7}{12} \div \frac{28}{30}$$
1) $\frac{7}{12} \div \frac{305}{30} = 5$
2 $\frac{7}{12} \cdot \frac{305}{8} = 8$

3)
$$\frac{7}{16} \div 4\frac{7}{8}$$
 $\frac{7}{16} \div \frac{35}{8}$
 $\frac{7}{16} \div \frac{81}{8} = (10)$

$$\frac{8}{9} \div \frac{20}{1}$$

$$\frac{28}{9} \cdot \frac{1}{205} = \frac{2}{45}$$

$$9 \frac{87}{31} = \frac{18}{1} = \frac{18}{1}$$

5)
$$\frac{18}{1} \div \frac{3}{10}$$
6 $\frac{18}{1}$ $\cdot \frac{10}{3} = 60 = 60$

6)
$$\frac{4}{7} \cdot \frac{3}{20} \div \frac{10}{21}$$

$$\frac{14}{7} \cdot \frac{3}{20} \cdot \frac{2+3}{10} = \frac{9}{50}$$

8)
$$\frac{4}{7} \left(\frac{3}{20} \div \frac{10}{21} \right)$$

$$\frac{14}{7} \cdot \frac{63}{20050} = \frac{9}{50}$$

$$\frac{3}{5} \div \frac{3}{20} \cdot \frac{1}{6}$$

$$\frac{3}{5} \div \frac{3}{20} \cdot \frac{1}{6}$$

$$\frac{3}{5} \div \frac{2}{3} \cdot \frac{1}{6} = \frac{2}{3}$$

$$\frac{1}{30} \div (\frac{1}{20}, \frac{1}{39})$$
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