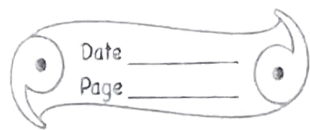


Hw
9.9.21

Ex 9(D)



1. Divide.

e. $\frac{22}{25} \div \frac{11}{15}$

$$\frac{\overset{2}{\cancel{22}}}{\cancel{25}} \times \frac{\cancel{15}^{\textcircled{3}}}{\cancel{11}} = \frac{6}{5}$$

f. $\frac{26}{27} \div \frac{13}{15}$

$$\frac{\overset{2}{\cancel{26}}}{\cancel{27}} \times \frac{\cancel{15}^5}{\cancel{13}} = \frac{10}{9}$$

g. $45 \div \frac{3}{8}$

$$\frac{\overset{15}{\cancel{45}}}{1} \times \frac{8}{\cancel{3}} = 120$$

$$h. \quad 91 \div \frac{26}{27}$$

$$\frac{91}{1} \times \frac{27}{26} = \frac{189}{2}$$

$$i. \quad 12\frac{4}{15} \div 2\frac{1}{27}$$

$$\frac{184}{15} \div \frac{55}{27}$$

$$\frac{184}{15} \times \frac{27}{55} = \frac{1656}{275}$$

$$d. \quad 4\frac{2}{3} \div 1\frac{1}{2} \div 1\frac{2}{3}$$

$$\frac{14}{3} \div \frac{3}{2} \div \frac{5}{3}$$

$$\frac{14}{3} \times \frac{2}{3} \times \frac{3}{5} = \frac{28}{15}$$

2. Find

$$e. \quad \frac{8}{6} \div \frac{7}{7}$$

f.

2. Find the quotient in its simplest form.

e. $\frac{8}{6}$

7

$$\frac{\cancel{8}^4}{\cancel{6}_3} \times \frac{1}{7} = \frac{4}{21}$$

f. $\frac{12}{19}$

4

$$\frac{\cancel{2}}{19} \times \frac{1}{\cancel{4}_2} = \frac{2}{76}$$

$$g. \frac{7}{9} \div \frac{1}{28}$$

$$\frac{\cancel{7}}{9} \times \frac{1}{\cancel{28}_4} = \frac{1}{36}$$

$$h. \frac{5}{3} \div \frac{1}{10}$$

$$\frac{\cancel{5}}{3} \times \frac{1}{\cancel{10}_2} = \frac{1}{6}$$

$$i) \frac{20}{7} \div \frac{15}{7}$$

$$\frac{20}{1} \times \frac{15}{7} = \frac{300}{7} = 42 \frac{6}{7}$$

$$d. \frac{3 \frac{3}{4}}{1 \frac{1}{2}} = \frac{15}{4} \div \frac{3}{2}$$

$$\frac{15^5}{2} \times \frac{2^1}{1} = \frac{5}{2} = 2 \frac{1}{2}$$