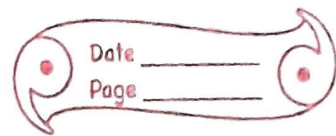


HW
8.9.22

Exercise 9 (D)



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

$$= \frac{22}{5 \cancel{25}} \times \frac{15^3}{\cancel{11}} = \frac{2 \times 3}{5 \times 1} = \frac{6}{5} = 1 \frac{1}{5}$$

$$f) \quad \frac{26}{27} \div \frac{13}{15}$$

$$\text{Ans-} \quad \frac{26}{9 \cancel{27}} \times \frac{15^3}{\cancel{13}} = \frac{2 \times 5}{9 \times 1} = \frac{10}{9} = 1 \frac{1}{9}$$

$$g) \quad 45 \div \frac{3}{8}$$

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

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

$$= 91 \times \frac{27}{26} = \frac{2457}{26} = 94 \frac{13^1}{26^2} = 94 \frac{1}{2}$$

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

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

$$1) 4 \frac{2}{3} \div 1 \frac{1}{2} \div 1 \frac{2}{3}$$

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

$$= \frac{14 \times 2 \times 1}{3 \times 1 \times 5} = \frac{28}{15}$$

$$2.0) \frac{8}{15}$$

$$\frac{8}{15} \div \frac{35}{36} = \frac{8}{15} \times \frac{36}{35} = \frac{96}{175}$$

$$= \frac{96}{175}$$

$$d) \frac{12}{5} = \frac{12}{17} \div 5 = \frac{12}{17} \times \frac{1}{5} = \frac{12}{85}$$

$$e) \frac{8}{7} = \frac{8}{6} \div 7 = \frac{48}{36} \times \frac{1}{7} = \frac{4}{21}$$

$$f) \frac{2}{4} = \frac{2}{19} \div 4 = \frac{1}{19} \times \frac{1}{4} = \frac{1}{38}$$

$$g) \frac{7}{28} = \frac{7}{9} \div 28 = \frac{1}{9} \times \frac{1}{28} = \frac{1}{36}$$

$$h) \frac{5}{3} = \frac{5}{3} \div 10 = \frac{1}{3} \times \frac{1}{10} = \frac{1}{30}$$

$$i) \frac{20}{7} = 20 \div \frac{7}{15} = 20 \times \frac{15}{7} = \frac{300}{7} = 42 \frac{6}{7}$$

$$j) \frac{70}{1\frac{2}{3}} = 70 \div \frac{5}{3} = \frac{70}{1} \times \frac{3}{5} = \frac{6}{1} = 6$$

$$k) \frac{24}{3\frac{1}{3}} = 24 \div \frac{10}{3} = \frac{24}{1} \times \frac{3}{10} = \frac{36}{5} = 7\frac{1}{5}$$

$$l) \frac{3\frac{3}{4}}{1\frac{1}{2}} = \frac{15}{4} \div \frac{3}{2} = \frac{15}{4} \times \frac{2}{3} = \frac{5}{2} = 2\frac{1}{2}$$