

$$(e) \frac{17 \frac{3}{16}}{16} = \frac{275}{16}$$

$$= 17.1875$$

17.1875

$$16 \overline{) 275.0000}$$

16 ↓

$$\underline{15}$$

12 ↓

$$\underline{30}$$

16 ↓

$$\underline{140}$$

128 ↓

$$\underline{120}$$

112 ↓

$$\underline{80}$$

80

0

$$(f) \frac{8 \frac{21}{40}}{40} = \frac{341}{40}$$

$$= 8.525$$

8.525

$$40 \overline{) 341}$$

320

21.000

200

$$(g) \frac{58 \frac{5}{64}}{64} = \frac{3717}{64} = 58.078$$

58.078

100

80

200

200

0

## EX 10.A

10 Convert the common fractions into decimal fraction.

$$(a) \frac{3}{4} = \frac{3 \times 25}{4 \times 25} = \frac{75}{100} = 0.75$$

$$(b) \frac{7}{8} = \frac{7 \times 125}{8 \times 125} = \frac{875}{1000} = 0.875$$

$$(c) 15\frac{1}{4} = \frac{61}{4} = \frac{61 \times 25}{4 \times 25} = \frac{1525}{100} = 15.25$$

$$d) 20\frac{3}{5} = \frac{103}{5} = \frac{103 \times 2}{5 \times 2} = \frac{206}{10}$$

$$= 20.6$$

HW  
20/6/2021

# EX 10.A

Date \_\_\_\_\_  
Page \_\_\_\_\_

11. Convert following ~~decimal fractions~~ fractions into common fractions

$$(a) 0.02 = \frac{2}{100} = \frac{1}{50}$$

$$\begin{array}{r} 0.02 \\ 50 \overline{) 1.00} \\ \underline{00} \downarrow \\ 100 \\ \underline{100} \\ 0 \end{array}$$

$$(b) 0.175 = \frac{175}{1000} = \frac{7}{40}$$

$$(c) 7.60 = \frac{760}{100} = \frac{38}{5} = 7 \frac{3}{5}$$

$$(d) 7.625 = \frac{7625}{1000} = \frac{61}{8} = 7 \frac{5}{8}$$

$$(e) 6.125 =$$

$$\frac{1225}{1000} = \frac{49}{40} = 8 \frac{1}{8}$$

$$(f) \frac{8}{10} \cdot 3.75 = \frac{375}{100} = \frac{15}{4}$$

$$= 3 \frac{3}{4}$$

$$(g) 9.55 = \frac{955}{100} = \frac{191}{20} = 9 \frac{11}{20}$$