

H6 → A # 6 pg 192 # 19-41 odd

19)  $\frac{3.2}{5.2} = \frac{6}{10}$

$\boxed{0.6}$   
terminating

21.  $\frac{5}{18}$

$\boxed{0.2\bar{7}}$   
repeating

$$\begin{array}{r} 18 \overline{) 5.000} \\ \underline{-36} \phantom{0} \\ 140 \\ \underline{-126} \\ 140 \end{array}$$

23.  $7 \frac{9}{20}$

$7 \frac{9 \cdot 5}{20 \cdot 5} = \frac{45}{100}$

$\boxed{7.45}$  terminating

25.  $\frac{7}{12}$

$\boxed{.58\bar{3}}$   
repeating

$$\begin{array}{r} 12 \overline{) 7.000} \\ \underline{-60} \phantom{0} \\ 100 \\ \underline{-96} \\ 40 \\ \underline{-36} \\ 4 \end{array}$$

27.  $0.7777$   
 $0.\bar{7}$   
repeating

29)  $3.5888, \dots$

$\boxed{3.5\bar{8}}$

31.  $0.8 \rightarrow \frac{8}{10}$   
 $\boxed{\frac{4}{5}}$

33.  $0.475 \rightarrow \frac{475}{1000}$   
 $\boxed{\frac{19}{40}}$

35.  $6.24$

$6 \frac{24}{100}$   
 $\boxed{6 \frac{6}{25}}$

37.  $2.245$   
 $2 \frac{245}{1000} \div \frac{5}{5}$   
 $\boxed{2 \frac{49}{200}}$

39)  $5\frac{2}{5}$   $5.75$   
 $5 \frac{60}{100} < 5 \frac{75}{100}$

I would change them into fractions with common denom.

41.  $3.67, 3\frac{4}{5}, 3\frac{2}{3}, \frac{16}{5}, 3.6\bar{7}$   
 $3.67, 3.\bar{8}, 3.\bar{6}, 3.2, 3.6\bar{7}$

$\frac{16}{5}, 3\frac{2}{3}, 3.67, 3.6\bar{7}, 3\frac{4}{5}$