



### Extra worksheet

### Long division

$$\begin{array}{r} 33.33 \\ 3 \overline{)100} \\ \underline{-9} \downarrow \\ 10 \\ \underline{-9} \\ 10 \\ \underline{-9} \\ 10 \\ \underline{-9} \\ 1 \end{array}$$

Answer = 33.3

$$\begin{array}{r} 90.2 \\ 5 \overline{)451} \\ \underline{-45} \downarrow \\ 01 \\ \underline{-0} \\ 10 \\ \underline{-10} \\ 00 \end{array}$$

Answer = 90.2

$$\begin{array}{r} 76.285714 \\ 7 \overline{)534} \\ \underline{-49} \downarrow \\ 44 \\ \underline{-42} \\ 20 \\ \underline{-14} \\ 60 \\ \underline{-56} \\ 40 \\ \underline{-35} \\ 50 \\ \underline{-49} \\ 10 \\ \underline{7} \\ 30 \\ \underline{-28} \\ 20 \end{array}$$

Answer = 76.285714

$$\begin{array}{r} 61.25 \\ 8 \overline{)490} \\ \underline{-48} \downarrow \\ 10 \\ \underline{-8} \\ 20 \\ \underline{-16} \\ 40 \\ \underline{-40} \\ 00 \end{array}$$

Answer = 61.25

$$\begin{array}{r} 58.5 \\ 4 \overline{)234} \\ \underline{-20} \downarrow \\ 34 \\ \underline{-32} \\ 20 \\ \underline{-20} \\ 00 \end{array}$$

Answer = 58.5

$$\begin{array}{r} 34.142857 \\ 7 \overline{)239} \\ \underline{-21} \downarrow \\ 29 \\ \underline{-28} \\ 10 \\ \underline{-7} \\ 30 \\ \underline{-28} \\ 20 \\ \underline{-14} \\ 60 \\ \underline{-56} \\ 40 \\ \underline{-35} \\ 50 \\ \underline{-49} \\ 10 \end{array}$$

Answer = 34.142857

$$\begin{array}{r} 77.166 \\ 6 \overline{)463} \\ \underline{-42} \downarrow \\ 43 \\ \underline{-42} \\ 10 \\ \underline{-6} \\ 40 \\ \underline{-36} \\ 40 \\ \underline{-36} \\ 40 \end{array}$$

Answer = 77.16

$$\begin{array}{r} 79.66 \\ 6 \overline{)478} \\ \underline{-42} \downarrow \\ 58 \\ \underline{-54} \\ 40 \\ \underline{-36} \\ 40 \\ \underline{-36} \\ 40 \end{array}$$

Answer = 79.6

$$\begin{array}{r}
 19.3\dot{3} \\
 3 \overline{)58} \\
 \underline{-3} \downarrow \\
 28 \\
 \underline{-27} \\
 10 \\
 \uparrow \\
 \text{Repeat} \left( \begin{array}{r} 10 \\ \underline{-9} \\ 10 \\ \underline{-9} \\ 10 \end{array} \right)
 \end{array}$$

Answer =  $19.\dot{3}$

$$\begin{array}{r}
 64.6\dot{6} \\
 9 \overline{)582} \\
 \underline{-54} \downarrow \\
 42 \\
 \underline{-36} \\
 60 \\
 \uparrow \\
 \text{Repeat} \left( \begin{array}{r} 60 \\ \underline{-54} \\ 60 \\ \underline{-54} \\ 60 \end{array} \right)
 \end{array}$$

Answer =  $64.\dot{6}$

$$\begin{array}{r}
 82.4\dot{4} \\
 9 \overline{)742} \\
 \underline{-72} \downarrow \\
 22 \\
 \underline{-18} \\
 40 \\
 \uparrow \\
 \text{Repeat} \left( \begin{array}{r} 40 \\ \underline{-36} \\ 40 \\ \underline{-36} \\ 40 \end{array} \right)
 \end{array}$$

Answer =  $82.\dot{4}$

$$\begin{array}{r}
 92.4 \\
 5 \overline{)462} \\
 \underline{-45} \downarrow \\
 12 \\
 \underline{-10} \\
 20 \\
 \underline{-20} \\
 00
 \end{array}$$

Answer =  $92.4$

$$\begin{array}{r}
 68.8 \\
 5 \overline{)344} \\
 \underline{-30} \downarrow \\
 44 \\
 \underline{-40} \\
 40 \\
 \underline{-40} \\
 00
 \end{array}$$

Answer =  $68.8$

$$\begin{array}{r}
 84.875 \\
 8 \overline{)679} \\
 \underline{-64} \downarrow \\
 39 \\
 \underline{-32} \\
 70 \\
 \underline{-64} \\
 60 \\
 \underline{-56} \\
 40 \\
 \underline{-40} \\
 00
 \end{array}$$

Answer =  $84.875$

$$\begin{array}{r}
 97.5 \\
 2 \overline{)195} \\
 \underline{-18} \\
 15 \\
 \underline{-14} \\
 10 \\
 \underline{-10} \\
 00
 \end{array}$$

Answer =  $97.5$

$$\begin{array}{r}
 56.4\dot{4} \\
 9 \overline{)508} \\
 \underline{-45} \downarrow \\
 58 \\
 \underline{-54} \\
 40 \\
 \uparrow \\
 \text{Repeat} \left( \begin{array}{r} 40 \\ \underline{-36} \\ 40 \\ \underline{-36} \\ 40 \end{array} \right)
 \end{array}$$

Answer =  $56.\dot{4}$

$$\begin{array}{r}
 54.0909 \\
 11 \overline{)595} \\
 \underline{-55} \\
 45 \\
 \underline{-44} \\
 100 \\
 \underline{-99} \\
 100 \\
 \underline{-99} \\
 1
 \end{array}$$

Repeat

Answer =  $54.\dot{0}\dot{9}$

$$\begin{array}{r}
 45 \\
 12 \overline{)540} \\
 \underline{-48} \\
 60 \\
 \underline{-60} \\
 00
 \end{array}$$

Answer = 45

$$\begin{array}{r}
 49.66 \\
 9 \overline{)447} \\
 \underline{-36} \downarrow \\
 87 \\
 \underline{-91} \\
 60 \\
 \underline{-54} \\
 60 \\
 \underline{-54} \\
 60
 \end{array}$$

Repeat

Answer =  $49.\dot{6}$

$$\begin{array}{r}
 12.4166 \\
 12 \overline{)149} \\
 \underline{-12} \downarrow \\
 29 \\
 \underline{-24} \\
 50 \\
 \underline{-48} \\
 20 \\
 \underline{-12} \\
 80 \\
 \underline{-72} \\
 80 \\
 \underline{-72} \\
 80
 \end{array}$$

Repeat

Answer =  $12.41\dot{6}$