

WorksheetCloud Memo

Grade 5

Maths

Short Division

1. Solve the following division problems using the trick with zero

a. $140 \div 10$

b. $360 \div 60$

c. $4000 \div 200$

① a) $14\cancel{0} \div 1\cancel{0} = 14$
b) $36\cancel{0} \div 6\cancel{0} = 6$
c) $40\cancel{00} \div 2\cancel{00} = 20$

2. Solve the following division problems (find the quotient for the following)

a. $624 \div 2$

b. $840 \div 4$

c. $8555 \div 5$

d. $7240 \div 6$

e. $7933 \div 3$

f. $8903 \div 7$

g. $9837 \div 8$

② a)
$$\begin{array}{r} 312 \\ 2 \overline{) 624} \\ \underline{6} \\ 0 \\ \underline{0} \\ 000 \end{array}$$

b)
$$\begin{array}{r} 210 \\ 4 \overline{) 840} \\ \underline{8} \\ 0 \\ \underline{0} \\ 000 \end{array}$$

c)
$$\begin{array}{r} 1711 \\ 5 \overline{) 8555} \\ \underline{5} \\ 3 \\ \underline{15} \\ 20 \\ \underline{15} \\ 50 \\ \underline{45} \\ 500 \\ \underline{450} \\ 500 \\ \underline{450} \\ 500 \\ \underline{450} \\ 500 \end{array}$$

d)
$$\begin{array}{r} 1206 \text{ rem } 4 \\ 6 \overline{) 7240} \\ \underline{6} \\ 12 \\ \underline{12} \\ 0 \\ \underline{0} \\ 40 \\ \underline{36} \\ 40 \end{array}$$

e)
$$\begin{array}{r} 2644 \text{ rem } 1 \\ 3 \overline{) 7933} \\ \underline{6} \\ 19 \\ \underline{18} \\ 13 \\ \underline{12} \\ 13 \\ \underline{12} \\ 13 \\ \underline{12} \\ 13 \end{array}$$

f)
$$\begin{array}{r} 1271 \text{ rem } 6 \\ 7 \overline{) 8903} \\ \underline{7} \\ 19 \\ \underline{14} \\ 50 \\ \underline{49} \\ 10 \\ \underline{7} \\ 30 \\ \underline{28} \\ 23 \\ \underline{21} \\ 23 \end{array}$$

g)
$$\begin{array}{r} 1229 \text{ rem } 5 \\ 8 \overline{) 9837} \\ \underline{8} \\ 18 \\ \underline{16} \\ 23 \\ \underline{16} \\ 73 \\ \underline{64} \\ 97 \\ \underline{80} \\ 17 \end{array}$$