

CW
26-7-2021

Division

EX-7(A)

Divide in the notebook.

a) $816 \rightarrow Q$

$D \leftarrow 4 \mid 3264 \rightarrow D_i$

$$\begin{array}{r} -32 \downarrow \\ \hline 06 \\ -4 \downarrow \\ \hline 24 \\ -24 \\ \hline 0 \rightarrow R \end{array}$$

b) 810

$7 \mid 5663$

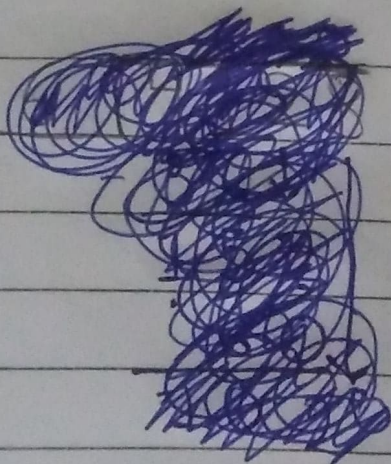
$-56 \downarrow \downarrow$

$0 \overline{) 3}$

60

3

c)



688

$6 \mid 4128$

$36 \downarrow$

052

-48

16

d)

$$\begin{array}{r}
 1296 \\
 6 \overline{) 7777} \\
 \underline{6} \\
 17 \\
 \underline{12} \\
 057 \\
 \underline{54} \\
 036 \\
 \underline{-36} \\
 00
 \end{array}$$

105
 24
 24
 11
 05
 10

Hw
 16.7.2021

e)

$$\begin{array}{r}
 \text{scribble} \quad 83189 \\
 9 \overline{) 6708} \\
 \underline{64} \\
 030 \\
 \underline{27} \\
 17 \\
 \underline{-9} \\
 88 \\
 \underline{-81} \\
 07
 \end{array}$$

158
 25
 88
 11
 0

$$\begin{array}{r} 492 \\ f > \quad 5 \overline{) 2464} \\ \underline{20} \downarrow \\ 46 \\ \underline{45} \downarrow \\ 14 \\ -10 \\ \hline 04 \end{array}$$

$$\begin{array}{r} 873 \\ g > \quad 9 \overline{) 7857} \\ \underline{72} \downarrow \\ 65 \\ \underline{63} \downarrow \\ 27 \\ \underline{27} \\ \hline 0 \end{array}$$

b)

$$\begin{array}{r}
 1124 \\
 8 \overline{) 8992} \\
 \underline{-8} \downarrow \\
 09 \downarrow \\
 \underline{-8} \downarrow \\
 19 \downarrow \\
 \underline{-16} \downarrow \\
 32 \downarrow \\
 \underline{-32} \\
 \hline
 0
 \end{array}$$

i)

$$\begin{array}{r}
 111 \\
 7 \overline{) 7101} \\
 \underline{-7} \downarrow \downarrow \\
 010 \downarrow \\
 \underline{-7} \downarrow \\
 31 \downarrow \\
 \underline{-28} \\
 \hline
 3
 \end{array}$$

i >

$$\begin{array}{r}
 1333 \\
 \hline
 6 \overline{) 8000} \\
 \underline{-6} \quad \downarrow \\
 20 \quad \downarrow \\
 \underline{18} \quad \downarrow \\
 20 \quad \downarrow \\
 \underline{-18} \quad \downarrow \\
 20
 \end{array}$$

$$\begin{array}{r}
 1333 \\
 \hline
 6 \overline{) 8000} \\
 \underline{-6} \quad \downarrow \\
 20 \quad \downarrow \\
 \underline{18} \quad \downarrow \\
 20 \quad \downarrow \\
 \underline{-18} \quad \downarrow \\
 20
 \end{array}$$

j >

~~8000 ÷ 6~~

$$8000 \div 6$$

$$\begin{array}{r}
 1333 \\
 \hline
 6 \overline{) 8000} \\
 \underline{-6} \quad \downarrow \\
 20 \quad \downarrow \\
 \underline{-18} \quad \downarrow \\
 20 \quad \downarrow \\
 \underline{-18} \quad \downarrow \\
 20 \\
 \underline{-18} \\
 2
 \end{array}$$

$$\begin{array}{r}
 1333 \\
 \hline
 6 \overline{) 8000} \\
 \underline{-6} \quad \downarrow \\
 20 \quad \downarrow \\
 \underline{-18} \quad \downarrow \\
 20 \quad \downarrow \\
 \underline{-18} \quad \downarrow \\
 20 \\
 \underline{-18} \\
 2
 \end{array}$$

k) $5104 \div 16$

$$\begin{array}{r}
 319 \\
 16 \overline{) 5104} \\
 \underline{-48} \\
 30 \\
 \underline{-16} \\
 144 \\
 \underline{-144} \\
 0
 \end{array}$$

Q = 319 R = 0

l) $4362 \div 18$

$$\begin{array}{r}
 262 \\
 18 \overline{) 4362} \\
 \underline{-36} \\
 76 \\
 \underline{-72} \\
 42 \\
 \underline{-36} \\
 6
 \end{array}$$

Q = 262 R = 6

m) $3132 \div 35$

$$\begin{array}{r}
 838 \\
 35 \overline{) 3132} \\
 \underline{- 280} \\
 233 \\
 \underline{- 105} \\
 0292 \\
 \underline{- 280} \\
 012
 \end{array}$$

P 1 1
 8 4
 0 0
 2 1
 4 4
 4 4
 0

Q = 838 R = 12 P 1 1 = 0

n) $6080 \div 95$

$$\begin{array}{r}
 63 \\
 95 \overline{) 6080} \\
 \underline{- 570} \\
 0380 \\
 \underline{- 370} \\
 010
 \end{array}$$

5 3
 5 2 5
 5 7 5 4 8 1
 2 2 5
 2 2
 5 4
 2 5

Q = 63 R = 10

o) $9467 \div 81$

$$\begin{array}{r}
 116 \\
 81 \overline{) 9467} \\
 \underline{-81} \\
 136 \\
 \underline{81} \\
 557 \\
 \underline{-486} \\
 071
 \end{array}$$

$Q = 116 \quad R = 71$

p) $3006 \div 14$

$$\begin{array}{r}
 215 \\
 14 \overline{) 3006} \\
 \underline{-28} \\
 20 \\
 \underline{-14} \\
 066 \\
 \underline{-65} \\
 1
 \end{array}$$

$Q = 215 \quad R = 1$

m)

q) $8724 \div 18$

$$\begin{array}{r}
 484 \\
 18 \overline{) 8724} \\
 \underline{-72} \\
 152 \\
 \underline{-144} \\
 0084 \\
 \underline{-72} \\
 12
 \end{array}$$

$Q = \underline{484} \quad R = \underline{12}$

n)

r) $8846 \div 21$

$$\begin{array}{r}
 421 \\
 21 \overline{) 8846} \\
 \underline{-84} \\
 044 \\
 \underline{-42} \\
 26 \\
 \underline{-21} \\
 5
 \end{array}$$

$Q = \underline{421} \quad R = \underline{5}$

5) $4268 \div 58$

$$\begin{array}{r} 73 \\ 58 \overline{) 4268} \\ \underline{-406} \downarrow \\ 0208 \\ \underline{-164} \\ 044 \end{array}$$

Q = 73 R = 44

6) $9876 \div 61$

$$\begin{array}{r} 161 \\ 61 \overline{) 9876} \\ \underline{-61} \downarrow \\ 377 \\ \underline{-366} \downarrow \\ 0116 \\ \underline{-861} \\ 55 \end{array}$$

Q = 161 R = 55