

Thursday Diving

6 Complete these calculations.

a) $240 \div 200 = 1.2$ b) $240 \div 6,000 = 0.04$ c) $1.2 = 24 \div 20$
 $240 \div 300 = 0.8$ $240 \div 4,000 = 0.06$ $0.8 = 24 \div 30$
 $240 \div 400 = 0.6$ $240 \div 3,000 = 0.08$ $0.6 = 24 \div 40$
 $240 \div 600 = 0.4$ $240 \div 8,000 = 0.03$ $0.2 = 24 \div 120$

7 Join the numbers to make six accurate divisions. Write each division out in full. One has been done for you.

CHALLENGE

206	$\div 10$	2.6	\longrightarrow	$26 \div 10 = 2.6$
26	$\div 100$	0.206	\longrightarrow	$206 \div 1,000 = 0.206$
260	$\div 1,000$	0.206	\longrightarrow	$2.06 \div 10 = 0.206$
20.6	$\div 10$	0.026	\longrightarrow	$260 \div 1000 = 0.26$
2.6	$\div 100$	0.026	\longrightarrow	$2.6 \div 100 = 0.026$
2.06	$\div 1,000$	2.06	\longrightarrow	$20.6 \div 10 = 2.06$

Reflect

Write a word problem that is solved by dividing by 10, 100 or 1,000 and gives a decimal answer. Find the answer to your word problem.

Try your problem on an older person at home. 😊