

Progress test 3

1 Use short multiplication to answer these.

a
$$\begin{array}{r} 64 \\ \times 7 \\ \hline \\ \hline \end{array}$$

b
$$\begin{array}{r} 37 \\ \times 6 \\ \hline \\ \hline \end{array}$$

c
$$\begin{array}{r} 78 \\ \times 5 \\ \hline \\ \hline \end{array}$$

d
$$\begin{array}{r} 37 \\ \times 9 \\ \hline \\ \hline \end{array}$$

e
$$\begin{array}{r} 66 \\ \times 4 \\ \hline \\ \hline \end{array}$$

f
$$\begin{array}{r} 76 \\ \times 8 \\ \hline \\ \hline \end{array}$$

2 Answer these division questions.

a $84 \div 7 =$ _____

b $\frac{1}{8}$ of 56 = _____

c
$$4 \overline{) 52}$$

d
$$8 \overline{) 96}$$

3 Draw a square around any numbers that are square numbers.

34 38 85 25 6 9 4 36 100 81 55

4 Draw a ring around any numbers that are cube numbers.

85 27 8 9 1 36 100 81 55 1000

5 Use short multiplication to answer these.

a
$$\begin{array}{r} 8457 \\ \times 6 \\ \hline \\ \hline \end{array}$$

b
$$\begin{array}{r} 3687 \\ \times 5 \\ \hline \\ \hline \end{array}$$

c
$$\begin{array}{r} 3978 \\ \times 7 \\ \hline \\ \hline \end{array}$$

6 Answer these questions using short division.

a
$$3 \overline{) 6342}$$

b
$$4 \overline{) 9528}$$