

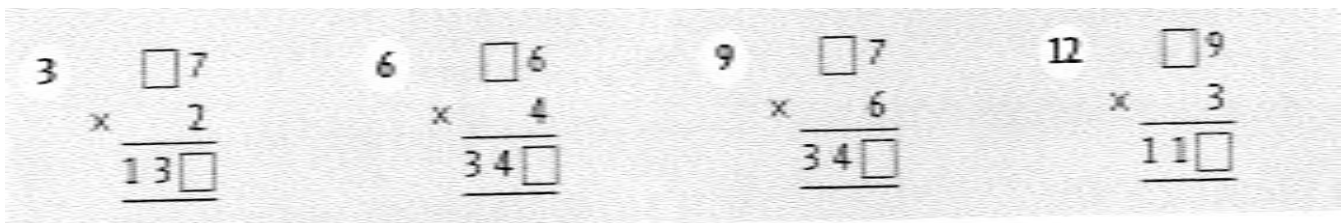
Answer sheet-Group 3-Maths

Activity 1

| x | 2 | 8 | 6 |
|---|----|----|----|
| 6 | 12 | 48 | 36 |
| 9 | 18 | 72 | 54 |
| 7 | 14 | 56 | 42 |

This is just one example. B and f can 7 or 8 to make 56. The numbers on the grid will change if you swap 7 and 8 around.

Activity 2

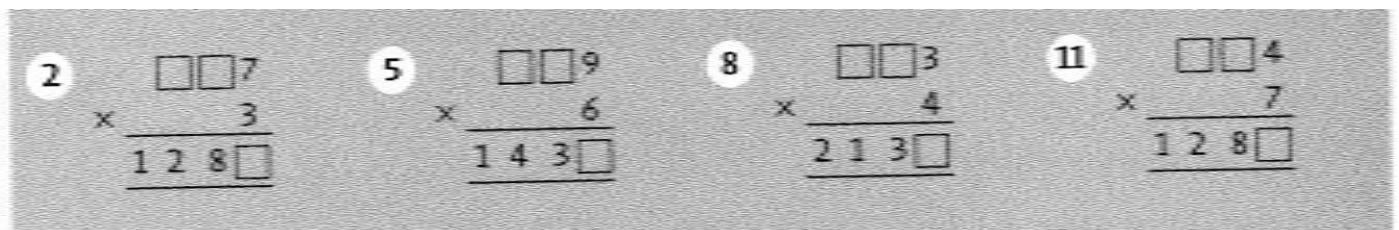


3. $67 \times 2 = 134$

6. $86 \times 4 = 344$

9. $57 \times 6 = 342$

12. $39 \times 3 = 117$



2. $427 \times 3 = 1281$

5. $239 \times 6 = 1434$

8. $533 \times 4 = 2132$

11. $184 \times 7 = 1288$

Activity 3

Spot the Mistake

Fatima has completed this formal multiplication.
Can you spot the mistake?

$$\begin{array}{r} 409 \\ \times 5 \\ \hline 205 \end{array}$$

Answer:

The mistake Fatima made was, she forgot to add the 4 that she had carried from the $9 \times 5 = 45$ and this then affected her overall answer.

Process to answer the question

$$409 \times 5 = 2045$$

$9 \times 5 = 45$, so she needs to carry the 4 into the tens column below the answer line and put the 5 in the ones answer space.

$0 \times 5 = 0$, but she needs to remember to add the 4 that she carried over, so she needs to place 4 in the tens answer space.

$4 \times 5 = 20$, she doesn't need to carry anything as this is the final part of the calculation.

So the answer is 2045

Activity 4

$$24 \times 2 = 48$$

$$16 \times 3 = 48$$

$$12 \times 4 = 48$$

$$8 \times 6 = 48$$

$$10 \div 2 = 5$$

$$20 \div 4 = 5$$

$$40 \div 8 = 5$$

$$80 \div 16 = 5$$

Missing Numbers

Fill in the missing numbers:

$$24 \times 2 = \square \times 3 = 12 \times \square = \square \times 6$$
$$10 \div 2 = \square \div 4 = \square \div 8 = 80 \div \square$$

Activity 5:

Tom said there are 6 factors in 12, is he correct? **Yes**

$$1 \times 12 = 12$$

$$2 \times 6 = 12$$

$$3 \times 4 = 12$$

$$4 \times 3 = 12$$

$$6 \times 2 = 12$$

$$12 \times 1 = 12$$

Tom said there are 6 factors in 24, is he correct? **No there are 8**

$$1 \times 24 = 24$$

$$2 \times 12 = 24$$

$$3 \times 8 = 24$$

$$4 \times 6 = 24$$

$$6 \times 4 = 24$$

$$8 \times 3 = 24$$

$$12 \times 2 = 24$$

$$24 \times 1 = 24$$