

Year 6 Booster pg 10

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1) Jeffrey has some pieces of paper with numbers written on them.

He points to one piece of paper.

He says 'If I multiply the number on this piece of paper by **eight**, the answer is **thirty-two**.'

What number is on the piece of paper?

He points to a different piece of paper.

He says 'If I **square** the number on this piece of paper, the answer is **sixty-four**.'

What number is on this piece of paper?

2) Write what you think the missing numbers might be:

This is an odd number between **10** and **24**.

This number is **divisible by six** and **bigger than 40**.

3) What could the missing digits be?

$$593 - 2 \square 5 = 36 \square$$

$$57 \square + \square 86 = 759$$

Year 6 Booster pg 10 answers

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1. 4, 8

2. One of 11, 13, 15, 17, 19, 21, 23,

Any multiple of 6 > 40, eg. 42, 48, 54, 60

3. $593 - 225 = 368$

$573 + 186 = 759$