



MULTIPLES SHEET 4:4

Work out the answers to these challenges and try to find all the possibilities for each one!

Challenge 1

- I am a multiple of 7.
- I am between 50 and 100.
- My tens digit is odd.

Who could I be? [3 possibilities]

Challenge 2

- I am a multiple of 30.
- If you round me to the nearest hundred, you get 400.

Who could I be? [3 possibilities]

Challenge 3

- I am a multiple of 9 between 50 and 110.
- I am also a multiple of 6.

Who could I be? [4 possibilities]

Challenge 4

- I am a multiple of 12 between 100 and 200.
- If you round me to the nearest 10, I round up.

Who could I be? [3 possibilities]



MULTIPLES SHEET 4:4 ANSWERS

Challenge 1

- I am a multiple of 7.
- I am between 50 and 100.
- My tens digit is odd.

Who could I be? [3 possibilities] **630 770 910**

Challenge 2

- I am a multiple of 30.
- If you round me to the nearest hundred, you get 400.

Who could I be? [3 possibilities] **360 390 420**

Challenge 3

- I am a multiple of 9 between 50 and 110.
- I am also a multiple of 6.

Who could I be? [4 possibilities] **54 72 90 108**

Challenge 4

- I am a multiple of 12 between 100 and 200.
- If you round me to the nearest 10, I round up.

Who could I be? [3 possibilities] **108 156 168**