

Power Up

What do you need to add to the first number in each number sentence to make the second number?

$$54,822 + \boxed{} = 54,892$$

$$32,078 + \boxed{} = 38,078$$

$$287,645 + \boxed{} = 288,645$$

$$834,217 + \boxed{} = 834,297$$

$$1,275,346 + \boxed{} = 1,575,346$$

$$7,443,297 + \boxed{} = 7,483,297$$

I wonder how I can check whether I have added the correct value.



Power Up

What do you need to subtract from the first number in each number sentence to make the second number?

$$31,822 - \boxed{} = 31,122$$

$$46,708 - \boxed{} = 41,708$$

$$537,119 - \boxed{} = 237,119$$

$$743,566 - \boxed{} = 743,066$$

$$4,388,291 - \boxed{} = 4,328,291$$

$$9,382,100 - \boxed{} = 9,380,100$$

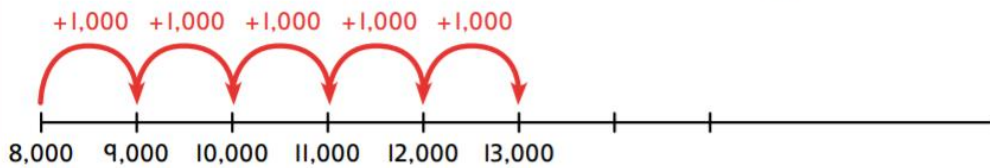


I am going to look carefully at each digit to work out what was subtracted.



Power Up

Start at 8,000. Count up in steps of 1,000 until you reach 32,000.



Now count back in steps of 1,000. How many steps until you reach 9,000?

Count up in steps of 10,000 until you reach 119,000.

Now count back in steps of 10,000. How many steps until you reach 29,000?

Count up in steps of 100,000 until you reach 1,329,000.

Now count back in steps of 100,000. How many steps until you reach 529,000?



Power Up

Round these numbers to the nearest 10, nearest 100 and nearest 1,000:

23,957

61,075

87,550

21,827

Round these numbers to the nearest 100, nearest 1,000 and nearest 10,000:

156,487

741,928

117,805

287,996



Power Up

Round these numbers to the nearest 100, nearest 1,000 and nearest 10,000:

278,462

893,297

927,098

438,807

Round these numbers to the nearest 1,000, nearest 10,000 and nearest 100,000:

2,498,275

5,308,289

7,928,109

9,485,979

I will use a
number line to
help me.



Power Up

Round these numbers to the nearest whole number and nearest tenth:

145.84

368.98

2,475.05

52,987.47

Round these numbers to the nearest tenth and nearest hundredth:

38.975

128.994

879.972

1,356.739

I wonder if I can
use a number
line to help me.





Power Up

Round these numbers to the nearest whole number and nearest tenth:

238.17

583.06

1,582.39

43,927.63

Round these numbers to the nearest tenth and nearest hundredth:

54.836

230.705

975.094

3,758.195



Power Up

Isla measured her heart beat at 72 beats per minute. How many beats is this in an hour?
Round your answer to the nearest 1,000.

A farmer gathered the apples from his orchard and packed them in 180 boxes. Each box has 12 rows of 9 apples. Rounded to the nearest 10,000, how many apples were gathered?

A fleet of 17 trucks was used to deliver concrete to a building site. The trucks could hold 18 tonnes of concrete. If each truck made 14 deliveries, how many tonnes of concrete were delivered, rounded to the nearest 100?

I am going to check that I have rounded to the correct accuracy!





Power Up

Packets of seeds contain at least 185 seeds per packet. If you buy 50 packets, how many seeds can you expect to get, rounded to the nearest 100?

Stickers come in packets of 2,058 stickers. Emma bought 100 packets. How many stickers is this rounded to the nearest 10,000?

I am going to be careful that I round to the correct accuracy.

