Question 1

Complete the sentences, then continue the pattern.

30 + 1 = ____, 30 + 2 = ____, 30 + 3 = ____,

30 + 4 = ____, 30 + 5 = ____

Use a tens and ones mat, base ten blocks or other tens and ones equipment to explain the pattern to a friend.

Question 2

Complete the sentences, then continue the pattern.

49 – 9 = ___, 48 – 8 = ___, 47 – 7 = ___, 46 – 6 = __

Do all your answers have a zero? Use a tens and ones mat, base ten blocks or other tens and ones equipment to explain why.

Answers

Question 1

30 + 1 = **31**

30 + 2 = **32**

30 + 3 = **33**

30 + 4 = **34**

30 + 5 = **35**

30 + 6 = 36

30 + 7 = 37

30 + 8 = 38

30 + 9 = 39

Question 2

49 - 9 = **40**

48 - 8 = **40**

47 - 7 = **40**

46 - 6 = **40**

45 - 5 = 40

44 - 4 = 40

43 - 3 = 40

42 - 2 = 40

41 - 1 = 40

Question 1

Complete the sentences, then continue the pattern.

40 + ___ = 41

40 + 2 = ___

40 + ___ = 43

40 + 4 = ___

Use a tens and ones mat, base ten blocks or other tens and ones equipment to explain the pattern to a friend.

Question 2

Complete the sentences, then continue the pattern.

_____ 57 – 7 = 55 – 6 = 56 - 5 = _____

_____ _____ _____ _____

Do all your answers have a zero? Use a tens and ones mat, base ten blocks or other tens and ones equipment to explain why.

Answers

Question 1

40 + **1** = 41

40 + 2 = **42**

40 + **3** = 43

40 + 4 = **44**

40 + 5 = 45

40 + 6 = 46

40 + 7 = 47

40 + 8 = 48

40 + 9 = 49

Question 2

59 – 9 = 50

58 – 8 = 50

57 – 7 = **50**

56 – 6 = **50**

55 – 5 = **50**

54 – 4 = 50

53 – 3 = 50

52 – 2 = 50

51 – 1 = 50

Question 1

Complete the sentences, then continue the pattern.

30 + 1 = 30 + 2 = 30 + 3 = 30 + 4 = 30 + 5 =

Use a tens and ones mat, base ten blocks or other tens and ones equipment to explain the pattern to a friend.

Question 2

If I subtract all the ones from a 2-digit number, I will always have a zero in my answer.

Prove it!

Question 3

Explore the pattern:

95 – 5 = 95 – 15 = 95 – 25 =

Can you describe what is happening?

Can you make a rule?

Can you make up a pattern of your own?

Answers

Question 1

Complete the sentences, then continue the pattern.

20 + **1** = 21

20 + 2 = 22

20 + 3 = 23

20 + 4 = 24

20 + **5** = 25

20 + 6 = 26

20 + 7 = 27

20 + 8 = 28

20 + 9 = 29

Question 3

Explore the pattern:

95 – 5 = **90**

95 – 15 = **80**

95 – 25 = **70**

95 – 35 = 60

95 – 45 = 50

95 – 55 = 40

95 – 65 = 30

95 – 75 = 20

95 – 85 = 10

95 – 95 = 0

Question 2

True, subtracting all the ones from a 2-digit number will always leave no ones. We represent no ones by using a zero in the ones column. Therefore, any 2-digit number that has subtracted all the ones will have a zero in the ones column.