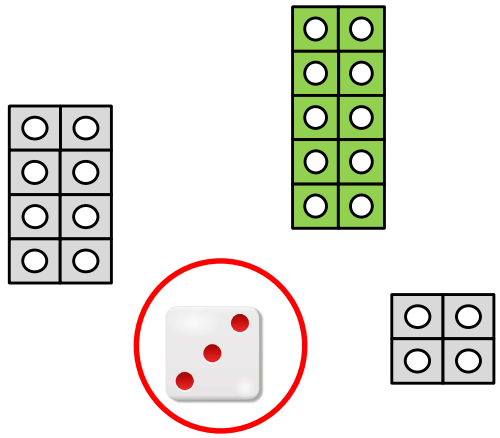
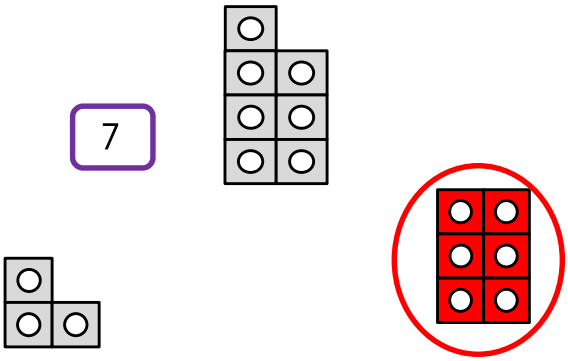
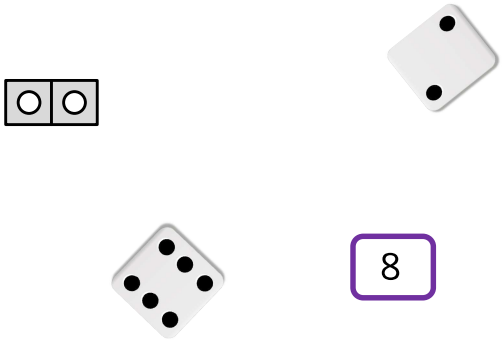
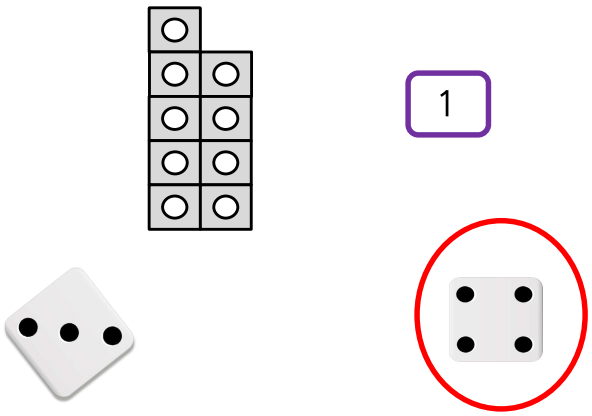
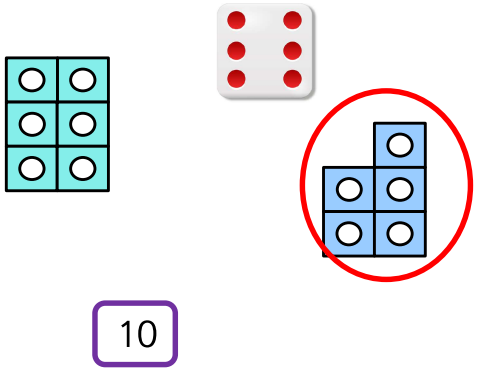
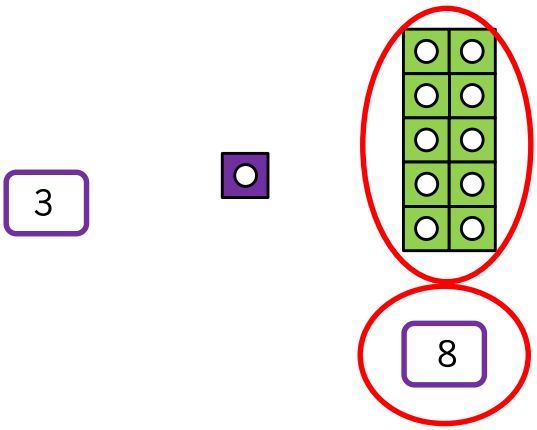
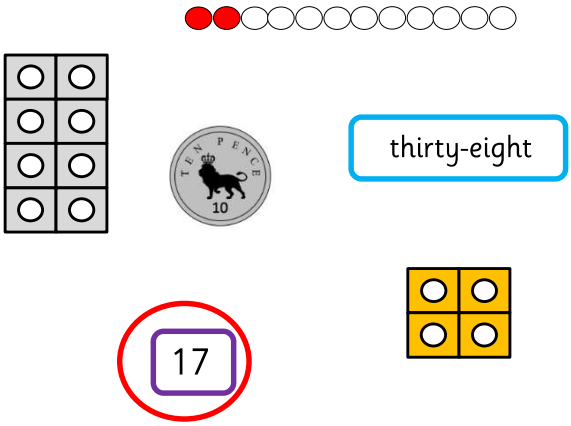
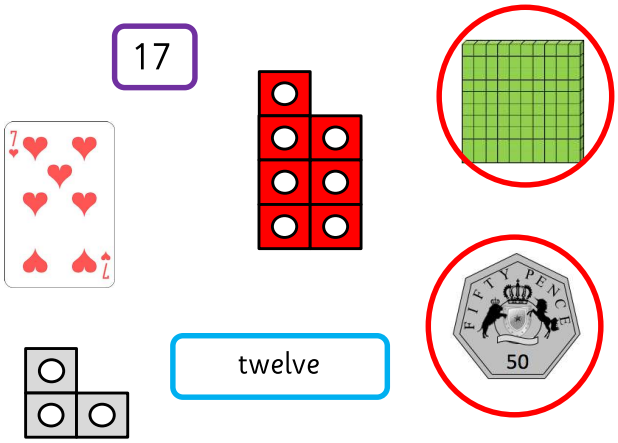
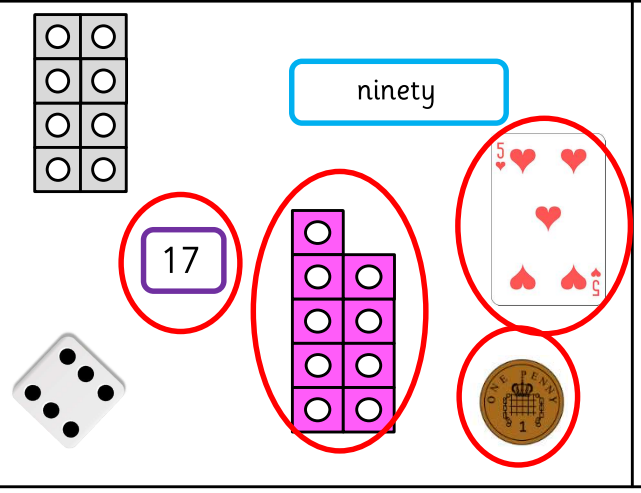
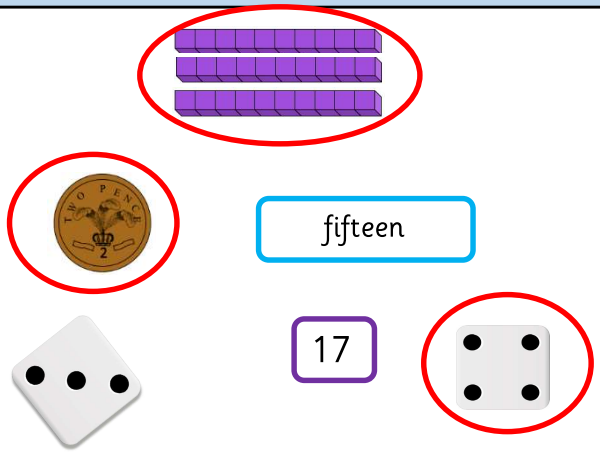
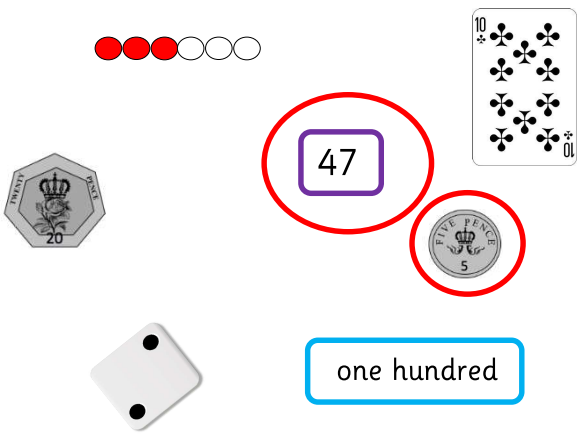
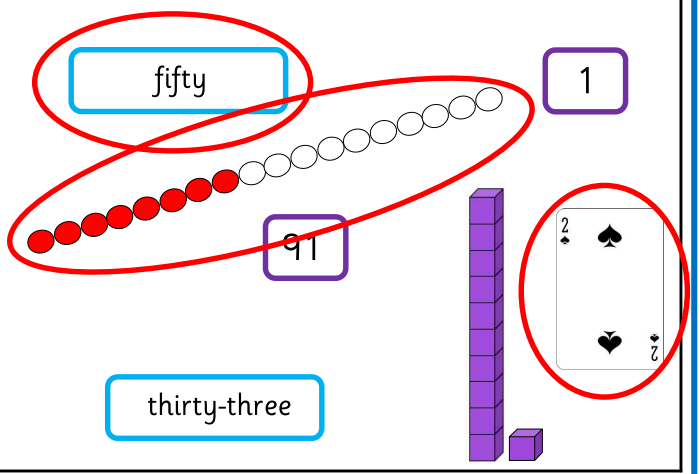
Identify the mistakes in the table below and circle them.

Even	Odd
	

Even	Odd
	

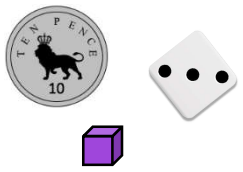
Even	Odd
	

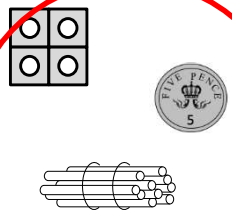
Identify the mistakes in the table below and circle them.

Even	Odd
	
	
	

Each box represents a number. Find the total and circle any mistakes.

Even


14


19

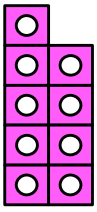
thirty-eight subtract nine

29

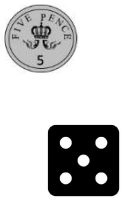

60


9

14

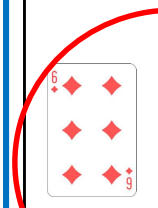
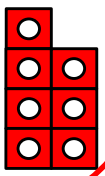

21

30



20

thirty-eight add twenty-four

62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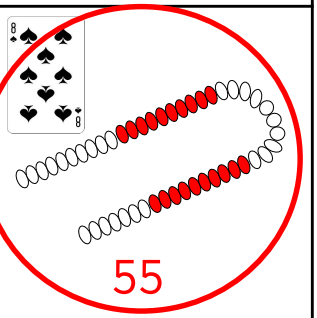
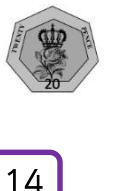
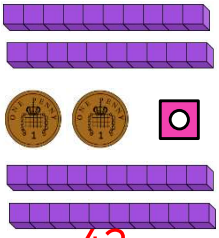
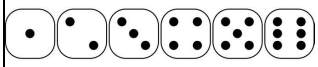

55

Odd


14

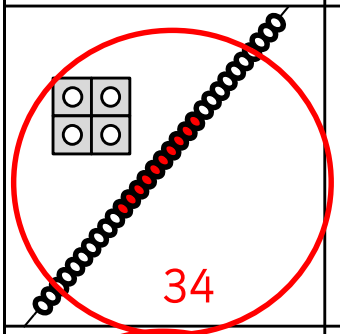
41


43


27

seventy-nine add 14


95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13

30

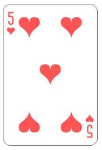
2

45



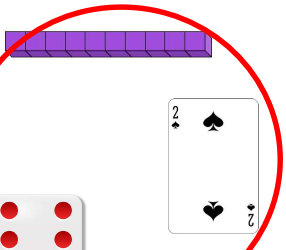
11

26


8

60

73


18

one hundred subtract nine

91

True or False?

10 is an odd number.

Prove your answer using concrete, pictorial and abstract representations.

Explain each approach.

Children can use concrete or pictorial methods to show 10 is divisible by 2 and therefore it's false.

Esin says,

What could Esin's numbers be?

Any two even one-digit numbers or any two odd one-digit numbers will give an even total.

True or False?

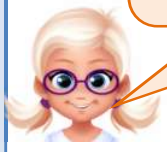
10 is an odd number.

Prove your answer using concrete, pictorial and abstract representations.

Explain each approach.

Children can use concrete or pictorial methods to show 10 is divisible by 2 and therefore it's false.

Esin says,



What could Esin's numbers be?

Any two even one-digit numbers or any two odd one-digit numbers will give an even total.

True or False?

12 is an odd number.

Prove your answer using concrete, pictorial and abstract representations.

Explain each approach.

Children can use concrete or pictorial methods to show 12 is divisible by 2 and therefore it's false.

Esin says,

What could Esin's numbers be?

Is this the only possible answer?

Any two even one-digit numbers or any two odd one-digit numbers will give an even total.
E.g. 1 + 3 = 4, 2 + 4 = 6.

Even & Odd Numbers ☆☆ Answers Reasoning & Problem Solving 2

True or False?

12 is an odd number.

Prove your answer using concrete, pictorial and abstract representations.

Explain each approach.

Children can use concrete or pictorial methods to show 12 is divisible by 2 and therefore it's false.

Esin says,

I have added two one-digit numbers.
My answer divides into
2 equal groups.

What could Esin's numbers be?

Is this the only possible answer?

Any two even one-digit numbers or any two odd one-digit numbers will give an even total.
E.g. 1 + 3 = 4, 2 + 4 = 6.

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True or False?

Five less than twenty is an odd number.

Prove your answer using concrete, pictorial and abstract representations.

Explain each approach.

Children can use concrete or pictorial methods to show 15 is not divisible by 2 and therefore it's true.

Esin says,

I have added two one-digit numbers. My answer divides into 2 equal groups.

What could Esin's numbers be?

Is this the only possible answer?

Which numbers would not be possible?

Explain your answers.

Any two even one-digit numbers or any two odd one-digit numbers will give an even total.
E.g. 1 + 3 = 4, 2 + 4 = 6.
However, an odd number added to an even number will give an odd total so Esin could not have this combination.

Even & Odd Numbers ☆☆☆ Answers Reasoning & Problem Solving 2

True or False?

Five less than twenty is an odd number.

Prove your answer using concrete, pictorial and abstract representations.

Explain each approach.

Children can use concrete or pictorial methods to show 15 is not divisible by 2 and therefore it's true.

Esin says,

I have added two one-digit numbers. My answer divides into 2 equal groups.

What could Esin's numbers be?

Is this the only possible answer?

Which numbers would not be possible?

Explain your answers.

Any two even one-digit numbers or any two odd one-digit numbers will give an even total.
E.g. 1 + 3 = 4, 2 + 4 = 6.
However, an odd number added to an even number will give an odd total so Esin could not have this combination.

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