Homework/Extension
Step 2: Check Calculations

National Curriculum Objectives:

Mathematics Year 2: (2C1) Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100
Mathematics Year 2: (2C3) Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and missing number problems

Differentiation:

Questions 1, 4 and 7 (Varied Fluency)
Developing Use the Base 10 representation to identify the odd one out using knowledge of checking calculations within 10.
Expected Use the ten frame representation to identify the odd one out using knowledge of checking calculations within 20.
Greater Depth Use the number line to identify the odd one out using knowledge of checking calculations within 20. Use of numbers and words.

Questions 2, 5 and 8 (Varied Fluency)
Developing Identify who could correctly check the calculation represented in Base 10 blocks. Numbers within 10.
Expected Identify who could correctly check the calculation represented in place value counters. Numbers within 20.
Greater Depth Identify who could correctly check the calculation represented in words. Numbers within 20.

Questions 3, 6 and 9 (Reasoning and Problem Solving)
Developing Suggest original calculations from a given calculation used to check. Use of Base 10 blocks and numbers within 10.
Expected Suggest original calculations from a given calculation used to check. Use of straw bundles and numbers within 20.
Greater Depth Suggest original calculations from a given calculation used to check. Mixed representation and numbers within 20.

More Year 2 Addition and Subtraction resources.

Did you like this resource? Don't forget to review it on our website.

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Check Calculations

1. Which calculation is the odd one out? Use the Base 10 blocks below to help.

A

$3 + 6 = 9$

B

$9 - 6 = 3$

C

$4 + 3 = 7$

2. Li and Chris are discussing how they can check the calculation below.

+ =

I could count back 2 from 5 to check this calculation.

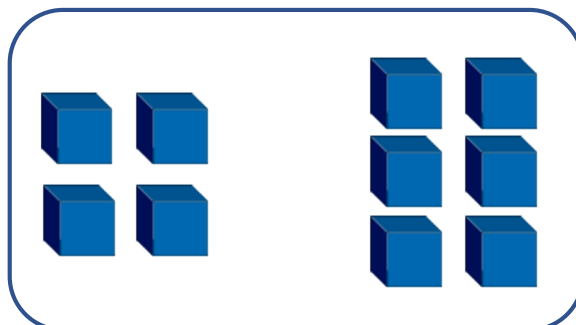I could do $7 - 2$ to check this calculation.

Li

Chris

Who is correct?

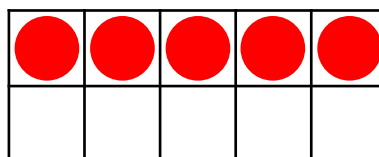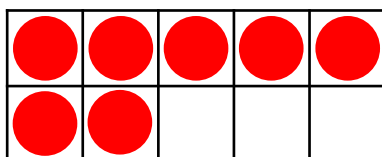**3. Tilly has checked her answer using the representation below.**

What could Tilly's calculation have been? Explain your reasoning.

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Homework/Extension – Check Calculations – Year 2 Developing

Check Calculations

4. Which calculation is the odd one out? Use the ten frames below to help.

A

7 + 5 = 12

B

12 + 5 = 17

C

12 − 7 = 5

5. Sydney and Ishmael are discussing how they can check the calculation below.

10 1 1 1 1 1 1 − 1 1 1 = 10 1

Sydney: I could do 11 + 3 to check this calculation.

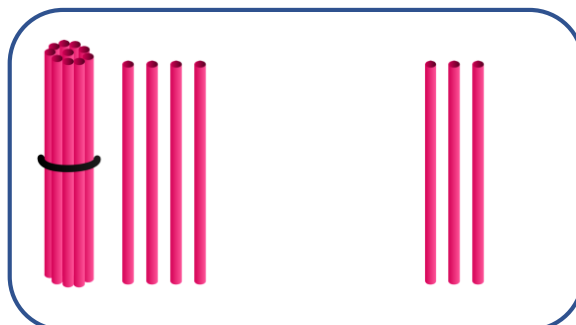**Ishmael:** I could count on 14 from 11 to check this calculation.

Sydney

Ishmael

Who is correct?

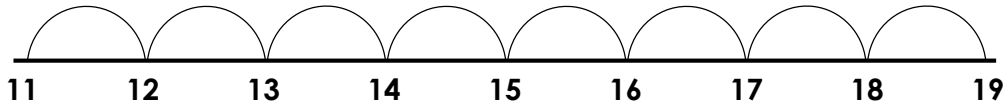**6. Simone has checked her answer using the representation below.**

What could Simone's calculation have been? Explain your reasoning.

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Homework/Extension – Check Calculations – Year 2 Expected

Check Calculations

7. Which calculation is the odd one out? Use the number line below to help.

11   12   13   14   15   16   17   18   19

A

19 – eight = 11

B

8 + 19 = 27

C

eleven + 8 = 19

8. Bret and Tina are discussing how they can check the calculation below.

seventeen – thirteen = four

I could do seventeen + four to check this calculation.
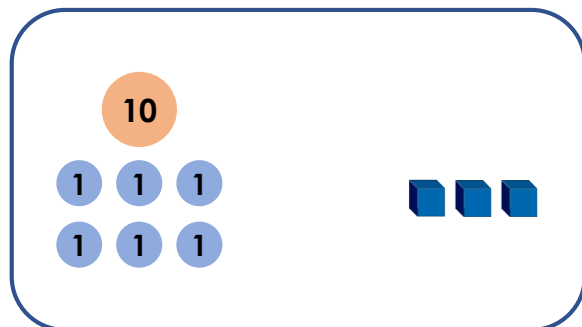
I could do thirteen + four to check this calculation.

Bret

Tina

Who is correct?

9. Hamzah has checked his answer using the representation below.

10

1 1 1
1 1 1

What could Hamzah's calculation have been? Explain your reasoning.

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Homework/Extension – Check Calculations – Year 2 Greater Depth

Developing
1. **C**
2. **Chris**
3. **The Base 10 shows 4 ones and 6 ones so Tilly's calculation could have been 6 – 4 = 2 or 4 + 6 = 10.**

Expected
4. **B**
5. **Sydney**
6. **The straws show 14 and 3 so Simone's calculation could have been 14 – 3 = 11 or 14 + 3 = 17.**

Greater Depth
7. **B**
8. **Tina**
9. **The place value counters show 16 and 3 so Hamzah's calculation could have been 16 + 3 = 19 or 16 – 3 = 13.**