

## Reasoning – Using Addition Calculations to Check Answers

### Information:

These questions have been taken from the KS2 Reasoning test to help your children practise specific question types.

### National Curriculum Objectives:

Mathematics Year 3: (3C2) [Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction](#)

Mathematics Year 3: (3C3) [Estimate the answer to a calculation and use inverse operations to check answers](#)

Mathematics Year 4: (4C2) [Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate](#)

Mathematics Year 4: (4C3) [Estimate and use inverse operations to check answers to a calculation](#)

Mathematics Year 5: (5C2) [Add and subtract whole numbers with more than 4 digits, including using formal written methods \(columnar addition and subtraction\)](#)

### Differentiation:

**Beginner** Use addition calculations to check answers to 2-digit subtractions where no exchanging is needed. Aimed at Year 3 developing.

**Easy** Use addition calculations to check answers to 2-digit subtractions where one exchange is needed. Aimed at Year 3 expected.

**Tricky** Use addition calculations to check answers to 3-digit subtractions where one or two exchanges are needed. Aimed at Year 3 greater depth.

**Expert** Use addition calculations to check answers to 4-digit subtractions where two or more exchanges are needed. Aimed at Year 4 expected.

**Brainbox** Use addition calculations to check answers to 5-digit subtractions where multiple exchanges are needed. Aimed at Year 5 expected.

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Using Addition Calculations to Check Answers – Teaching Information

## Reasoning – Using Addition Calculations to Check Answers

1. Stefan completes this calculation.

$$\begin{array}{r} \boxed{5} \boxed{4} \\ - \boxed{2} \boxed{3} \\ \hline \boxed{3} \boxed{1} \end{array}$$

Write an addition calculation he could use to check his answer.

$$\begin{array}{r} \boxed{\phantom{0}} \boxed{\phantom{0}} \\ + \boxed{\phantom{0}} \boxed{\phantom{0}} \\ \hline \boxed{\phantom{0}} \boxed{\phantom{0}} \end{array}$$

2. Jen completes this calculation.

$$\begin{array}{r} \boxed{6} \boxed{5} \\ - \boxed{2} \boxed{1} \\ \hline \boxed{4} \boxed{4} \end{array}$$

Write an addition calculation she could use to check her answer.

$$\begin{array}{r} \boxed{\phantom{0}} \boxed{\phantom{0}} \\ + \boxed{\phantom{0}} \boxed{\phantom{0}} \\ \hline \boxed{\phantom{0}} \boxed{\phantom{0}} \end{array}$$

3. Fiaz completes this calculation.

$$\begin{array}{r} \boxed{4} \boxed{3} \\ - \boxed{3} \boxed{0} \\ \hline \boxed{1} \boxed{3} \end{array}$$

Write an addition calculation he could use to check his answer.

$$\begin{array}{r} \boxed{\phantom{0}} \boxed{\phantom{0}} \\ + \boxed{\phantom{0}} \boxed{\phantom{0}} \\ \hline \boxed{\phantom{0}} \boxed{\phantom{0}} \end{array}$$

4. Mazie completes this calculation.

$$\begin{array}{r} \boxed{3} \boxed{6} \\ - \boxed{1} \boxed{5} \\ \hline \boxed{2} \boxed{1} \end{array}$$

Write an addition calculation she could use to check her answer.

$$\begin{array}{r} \boxed{\phantom{0}} \boxed{\phantom{0}} \\ + \boxed{\phantom{0}} \boxed{\phantom{0}} \\ \hline \boxed{\phantom{0}} \boxed{\phantom{0}} \end{array}$$

## Reasoning – Using Addition Calculations to Check Answers

5. Kylo completes this calculation.

$$\begin{array}{r} \boxed{2} \boxed{7} \\ - \boxed{1} \boxed{3} \\ \hline \boxed{1} \boxed{4} \end{array}$$

Write an addition calculation he could use to check his answer.

$$\begin{array}{r} \square \square \\ + \square \square \\ \hline \square \square \end{array}$$

6. Hollie completes this calculation.

$$\begin{array}{r} \boxed{7} \boxed{4} \\ - \boxed{4} \boxed{2} \\ \hline \boxed{3} \boxed{2} \end{array}$$

Write an addition calculation she could use to check her answer.

$$\begin{array}{r} \square \square \\ + \square \square \\ \hline \square \square \end{array}$$

7. Eesa completes this calculation.

$$\begin{array}{r} \boxed{5} \boxed{8} \\ - \boxed{3} \boxed{4} \\ \hline \boxed{2} \boxed{4} \end{array}$$

Write an addition calculation he could use to check his answer.

$$\begin{array}{r} \square \square \\ + \square \square \\ \hline \square \square \end{array}$$

8. Leia completes this calculation.

$$\begin{array}{r} \boxed{8} \boxed{2} \\ - \boxed{4} \boxed{1} \\ \hline \boxed{4} \boxed{1} \end{array}$$

Write an addition calculation she could use to check her answer.

$$\begin{array}{r} \square \square \\ + \square \square \\ \hline \square \square \end{array}$$

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9. Damon completes this calculation.

$$\begin{array}{r} \boxed{6} \boxed{7} \\ - \boxed{5} \boxed{3} \\ \hline \boxed{1} \boxed{4} \end{array}$$

Write an addition calculation he could use to check his answer.

$$\begin{array}{r} \square \square \\ + \square \square \\ \hline \square \square \end{array}$$

10. Efe completes this calculation.

$$\begin{array}{r} \boxed{7} \boxed{5} \\ - \boxed{2} \boxed{4} \\ \hline \boxed{5} \boxed{1} \end{array}$$

Write an addition calculation she could use to check her answer.

$$\begin{array}{r} \square \square \\ + \square \square \\ \hline \square \square \end{array}$$

11. Ibrahim completes this calculation.

$$\begin{array}{r} \boxed{9} \boxed{6} \\ - \boxed{6} \boxed{1} \\ \hline \boxed{3} \boxed{5} \end{array}$$

Write an addition calculation he could use to check his answer.

$$\begin{array}{r} \square \square \\ + \square \square \\ \hline \square \square \end{array}$$

12. Cathy completes this calculation.

$$\begin{array}{r} \boxed{8} \boxed{8} \\ - \boxed{4} \boxed{6} \\ \hline \boxed{4} \boxed{2} \end{array}$$

Write an addition calculation she could use to check her answer.

$$\begin{array}{r} \square \square \\ + \square \square \\ \hline \square \square \end{array}$$

## Reasoning – Using Addition Calculations to Check Answers

1. Dale completes this calculation.

$$\begin{array}{r} \boxed{6} \boxed{1} \\ - \boxed{2} \boxed{5} \\ \hline \boxed{3} \boxed{6} \end{array}$$

Write an addition calculation he could use to check his answer.

$$\begin{array}{r} \boxed{\phantom{0}} \boxed{\phantom{0}} \\ + \boxed{\phantom{0}} \boxed{\phantom{0}} \\ \hline \boxed{\phantom{0}} \boxed{\phantom{0}} \end{array}$$

2. Katelyn completes this calculation.

$$\begin{array}{r} \boxed{7} \boxed{0} \\ - \boxed{1} \boxed{6} \\ \hline \boxed{5} \boxed{4} \end{array}$$

Write an addition calculation she could use to check her answer.

$$\begin{array}{r} \boxed{\phantom{0}} \boxed{\phantom{0}} \\ + \boxed{\phantom{0}} \boxed{\phantom{0}} \\ \hline \boxed{\phantom{0}} \boxed{\phantom{0}} \end{array}$$

3. Lewis completes this calculation.

$$\begin{array}{r} \boxed{5} \boxed{2} \\ - \boxed{2} \boxed{9} \\ \hline \boxed{2} \boxed{3} \end{array}$$

Write an addition calculation he could use to check his answer.

$$\begin{array}{r} \boxed{\phantom{0}} \boxed{\phantom{0}} \\ + \boxed{\phantom{0}} \boxed{\phantom{0}} \\ \hline \boxed{\phantom{0}} \boxed{\phantom{0}} \end{array}$$

4. Saba completes this calculation.

$$\begin{array}{r} \boxed{4} \boxed{3} \\ - \boxed{1} \boxed{9} \\ \hline \boxed{2} \boxed{4} \end{array}$$

Write an addition calculation she could use to check her answer.

$$\begin{array}{r} \boxed{\phantom{0}} \boxed{\phantom{0}} \\ + \boxed{\phantom{0}} \boxed{\phantom{0}} \\ \hline \boxed{\phantom{0}} \boxed{\phantom{0}} \end{array}$$

## Reasoning – Using Addition Calculations to Check Answers

5. Lawson completes this calculation.

$$\begin{array}{r} \boxed{6} \boxed{4} \\ - \boxed{2} \boxed{9} \\ \hline \boxed{3} \boxed{5} \end{array}$$

Write an addition calculation he could use to check his answer.

$$\begin{array}{r} \square \square \\ + \square \square \\ \hline \square \square \end{array}$$

6. Abi completes this calculation.

$$\begin{array}{r} \boxed{8} \boxed{5} \\ - \boxed{3} \boxed{8} \\ \hline \boxed{4} \boxed{7} \end{array}$$

Write an addition calculation she could use to check her answer.

$$\begin{array}{r} \square \square \\ + \square \square \\ \hline \square \square \end{array}$$

7. Leroy completes this calculation.

$$\begin{array}{r} \boxed{7} \boxed{3} \\ - \boxed{1} \boxed{7} \\ \hline \boxed{5} \boxed{6} \end{array}$$

Write an addition calculation he could use to check his answer.

$$\begin{array}{r} \square \square \\ + \square \square \\ \hline \square \square \end{array}$$

8. Safa completes this calculation.

$$\begin{array}{r} \boxed{9} \boxed{4} \\ - \boxed{2} \boxed{6} \\ \hline \boxed{6} \boxed{8} \end{array}$$

Write an addition calculation she could use to check her answer.

$$\begin{array}{r} \square \square \\ + \square \square \\ \hline \square \square \end{array}$$

## Reasoning – Using Addition Calculations to Check Answers

9. Adnan completes this calculation.

$$\begin{array}{r} \boxed{9} \boxed{6} \\ - \boxed{3} \boxed{8} \\ \hline \boxed{5} \boxed{8} \end{array}$$

Write an addition calculation he could use to check his answer.

$$\begin{array}{r} \boxed{\phantom{0}} \boxed{\phantom{0}} \\ + \boxed{\phantom{0}} \boxed{\phantom{0}} \\ \hline \boxed{\phantom{0}} \boxed{\phantom{0}} \end{array}$$

10. Raisa completes this calculation.

$$\begin{array}{r} \boxed{8} \boxed{7} \\ - \boxed{4} \boxed{9} \\ \hline \boxed{3} \boxed{8} \end{array}$$

Write an addition calculation she could use to check her answer.

$$\begin{array}{r} \boxed{\phantom{0}} \boxed{\phantom{0}} \\ + \boxed{\phantom{0}} \boxed{\phantom{0}} \\ \hline \boxed{\phantom{0}} \boxed{\phantom{0}} \end{array}$$

11. Zane completes this calculation.

$$\begin{array}{r} \boxed{7} \boxed{5} \\ - \boxed{2} \boxed{9} \\ \hline \boxed{4} \boxed{6} \end{array}$$

Write an addition calculation he could use to check his answer.

$$\begin{array}{r} \boxed{\phantom{0}} \boxed{\phantom{0}} \\ + \boxed{\phantom{0}} \boxed{\phantom{0}} \\ \hline \boxed{\phantom{0}} \boxed{\phantom{0}} \end{array}$$

12. Tamsin completes this calculation.

$$\begin{array}{r} \boxed{9} \boxed{8} \\ - \boxed{5} \boxed{9} \\ \hline \boxed{3} \boxed{9} \end{array}$$

Write an addition calculation she could use to check her answer.

$$\begin{array}{r} \boxed{\phantom{0}} \boxed{\phantom{0}} \\ + \boxed{\phantom{0}} \boxed{\phantom{0}} \\ \hline \boxed{\phantom{0}} \boxed{\phantom{0}} \end{array}$$

## Reasoning – Using Addition Calculations to Check Answers

1. Zack completes this calculation.

$$\begin{array}{|c|c|c|} \hline 3 & 8 & 0 \\ \hline - & 1 & 3 & 7 \\ \hline \hline 2 & 4 & 3 \\ \hline \end{array}$$

Write an addition calculation he could use to check his answer.

$$\begin{array}{|c|c|c|} \hline & & \\ \hline + & & \\ \hline \hline & & \\ \hline \end{array}$$

2. Rosie completes this calculation.

$$\begin{array}{|c|c|c|} \hline 4 & 7 & 1 \\ \hline - & 3 & 4 & 2 \\ \hline \hline 1 & 2 & 9 \\ \hline \end{array}$$

Write an addition calculation she could use to check her answer.

$$\begin{array}{|c|c|c|} \hline & & \\ \hline + & & \\ \hline \hline & & \\ \hline \end{array}$$

3. Ravi completes this calculation.

$$\begin{array}{|c|c|c|} \hline 6 & 1 & 9 \\ \hline - & 2 & 5 & 4 \\ \hline \hline 3 & 6 & 5 \\ \hline \end{array}$$

Write an addition calculation he could use to check his answer.

$$\begin{array}{|c|c|c|} \hline & & \\ \hline + & & \\ \hline \hline & & \\ \hline \end{array}$$

4. Ameera completes this calculation.

$$\begin{array}{|c|c|c|} \hline 3 & 5 & 7 \\ \hline - & 1 & 6 & 3 \\ \hline \hline 1 & 9 & 4 \\ \hline \end{array}$$

Write an addition calculation she could use to check her answer.

$$\begin{array}{|c|c|c|} \hline & & \\ \hline + & & \\ \hline \hline & & \\ \hline \end{array}$$

## Reasoning – Using Addition Calculations to Check Answers

5. Albie completes this calculation.

$$\begin{array}{|c|c|c|} \hline 5 & 1 & 3 \\ \hline - & 2 & 3 & 7 \\ \hline \hline 2 & 7 & 6 \\ \hline \end{array}$$

Write an addition calculation he could use to check his answer.

$$\begin{array}{|c|c|c|} \hline & & \\ \hline + & & \\ \hline \hline & & \\ \hline \end{array}$$

6. Flora completes this calculation.

$$\begin{array}{|c|c|c|} \hline 6 & 3 & 4 \\ \hline - & 2 & 6 & 5 \\ \hline \hline 3 & 6 & 9 \\ \hline \end{array}$$

Write an addition calculation she could use to check her answer.

$$\begin{array}{|c|c|c|} \hline & & \\ \hline + & & \\ \hline \hline & & \\ \hline \end{array}$$

7. Orion completes this calculation.

$$\begin{array}{|c|c|c|} \hline 7 & 2 & 5 \\ \hline - & 5 & 7 & 8 \\ \hline \hline 1 & 4 & 7 \\ \hline \end{array}$$

Write an addition calculation he could use to check his answer.

$$\begin{array}{|c|c|c|} \hline & & \\ \hline + & & \\ \hline \hline & & \\ \hline \end{array}$$

8. Adina completes this calculation.

$$\begin{array}{|c|c|c|} \hline 8 & 2 & 4 \\ \hline - & 3 & 6 & 6 \\ \hline \hline 4 & 5 & 8 \\ \hline \end{array}$$

Write an addition calculation she could use to check her answer.

$$\begin{array}{|c|c|c|} \hline & & \\ \hline + & & \\ \hline \hline & & \\ \hline \end{array}$$

## Reasoning – Using Addition Calculations to Check Answers

9. Otis completes this calculation.

$$\begin{array}{r} \boxed{6} \boxed{3} \boxed{6} \\ - \boxed{3} \boxed{3} \boxed{8} \\ \hline \boxed{2} \boxed{9} \boxed{8} \end{array}$$

Write an addition calculation he could use to check his answer.

$$\begin{array}{r} \square \square \square \\ + \square \square \square \\ \hline \square \square \square \end{array}$$

10. Amrita completes this calculation.

$$\begin{array}{r} \boxed{9} \boxed{4} \boxed{7} \\ - \boxed{1} \boxed{6} \boxed{8} \\ \hline \boxed{7} \boxed{7} \boxed{9} \end{array}$$

Write an addition calculation she could use to check her answer.

$$\begin{array}{r} \square \square \square \\ + \square \square \square \\ \hline \square \square \square \end{array}$$

11. Keiran completes this calculation.

$$\begin{array}{r} \boxed{8} \boxed{5} \boxed{8} \\ - \boxed{4} \boxed{9} \boxed{9} \\ \hline \boxed{3} \boxed{5} \boxed{9} \end{array}$$

Write an addition calculation he could use to check his answer.

$$\begin{array}{r} \square \square \square \\ + \square \square \square \\ \hline \square \square \square \end{array}$$

12. Carlie completes this calculation.

$$\begin{array}{r} \boxed{7} \boxed{9} \boxed{5} \\ - \boxed{3} \boxed{9} \boxed{7} \\ \hline \boxed{3} \boxed{9} \boxed{8} \end{array}$$

Write an addition calculation she could use to check her answer.

$$\begin{array}{r} \square \square \square \\ + \square \square \square \\ \hline \square \square \square \end{array}$$

## Reasoning – Using Addition Calculations to Check Answers

1. Macaulay completes this calculation.

$$\begin{array}{r} 4061 \\ - 1636 \\ \hline 2425 \end{array}$$

Write an addition calculation he could use to check his answer.

$$\begin{array}{r} \square \square \square \square \\ + \square \square \square \square \\ \hline \square \square \square \square \end{array}$$

2. Ria completes this calculation.

$$\begin{array}{r} 6338 \\ - 2492 \\ \hline 3846 \end{array}$$

Write an addition calculation she could use to check her answer.

$$\begin{array}{r} \square \square \square \square \\ + \square \square \square \square \\ \hline \square \square \square \square \end{array}$$

3. Jazmina completes this calculation.

$$\begin{array}{r} 7832 \\ - 4569 \\ \hline 3263 \end{array}$$

Write an addition calculation he could use to check his answer.

$$\begin{array}{r} \square \square \square \square \\ + \square \square \square \square \\ \hline \square \square \square \square \end{array}$$

4. Sherry completes this calculation.

$$\begin{array}{r} 9418 \\ - 4837 \\ \hline 4581 \end{array}$$

Write an addition calculation she could use to check her answer.

$$\begin{array}{r} \square \square \square \square \\ + \square \square \square \square \\ \hline \square \square \square \square \end{array}$$

## Reasoning – Using Addition Calculations to Check Answers

5. Edwin completes this calculation.

$$\begin{array}{r} 8 \ 6 \ 5 \ 9 \\ - 2 \ 8 \ 6 \ 7 \\ \hline 5 \ 7 \ 9 \ 2 \end{array}$$

Write an addition calculation he could use to check his answer.

$$\begin{array}{r} \square \ \square \ \square \ \square \\ + \square \ \square \ \square \ \square \\ \hline \square \ \square \ \square \ \square \end{array}$$

6. Debbie completes this calculation.

$$\begin{array}{r} 7 \ 4 \ 4 \ 3 \\ - 4 \ 6 \ 9 \ 5 \\ \hline 2 \ 7 \ 4 \ 8 \end{array}$$

Write an addition calculation she could use to check her answer.

$$\begin{array}{r} \square \ \square \ \square \ \square \\ + \square \ \square \ \square \ \square \\ \hline \square \ \square \ \square \ \square \end{array}$$

7. Yassin completes this calculation.

$$\begin{array}{r} 9 \ 4 \ 1 \ 8 \\ - 5 \ 5 \ 4 \ 6 \\ \hline 3 \ 8 \ 7 \ 2 \end{array}$$

Write an addition calculation he could use to check his answer.

$$\begin{array}{r} \square \ \square \ \square \ \square \\ + \square \ \square \ \square \ \square \\ \hline \square \ \square \ \square \ \square \end{array}$$

8. Gaia completes this calculation.

$$\begin{array}{r} 6 \ 5 \ 1 \ 3 \\ - 1 \ 8 \ 5 \ 4 \\ \hline 4 \ 6 \ 5 \ 9 \end{array}$$

Write an addition calculation she could use to check her answer.

$$\begin{array}{r} \square \ \square \ \square \ \square \\ + \square \ \square \ \square \ \square \\ \hline \square \ \square \ \square \ \square \end{array}$$

## Reasoning – Using Addition Calculations to Check Answers

9. Keegan completes this calculation.

$$\begin{array}{r} 9 \ 5 \ 4 \ 6 \\ - 2 \ 5 \ 6 \ 8 \\ \hline 6 \ 9 \ 7 \ 8 \end{array}$$

Write an addition calculation he could use to check his answer.

$$\begin{array}{r} \square \ \square \ \square \ \square \\ + \square \ \square \ \square \ \square \\ \hline \square \ \square \ \square \ \square \end{array}$$

10. Bronwyn completes this calculation.

$$\begin{array}{r} 7 \ 7 \ 2 \ 7 \\ - 5 \ 9 \ 5 \ 8 \\ \hline 1 \ 7 \ 6 \ 9 \end{array}$$

Write an addition calculation she could use to check her answer.

$$\begin{array}{r} \square \ \square \ \square \ \square \\ + \square \ \square \ \square \ \square \\ \hline \square \ \square \ \square \ \square \end{array}$$

11. Irfan completes this calculation.

$$\begin{array}{r} 8 \ 6 \ 3 \ 8 \\ - 4 \ 8 \ 7 \ 9 \\ \hline 3 \ 7 \ 5 \ 9 \end{array}$$

Write an addition calculation he could use to check his answer.

$$\begin{array}{r} \square \ \square \ \square \ \square \\ + \square \ \square \ \square \ \square \\ \hline \square \ \square \ \square \ \square \end{array}$$

12. Nina completes this calculation.

$$\begin{array}{r} 6 \ 8 \ 6 \ 5 \\ - 3 \ 9 \ 6 \ 8 \\ \hline 2 \ 8 \ 9 \ 7 \end{array}$$

Write an addition calculation she could use to check her answer.

$$\begin{array}{r} \square \ \square \ \square \ \square \\ + \square \ \square \ \square \ \square \\ \hline \square \ \square \ \square \ \square \end{array}$$

## Reasoning – Using Addition Calculations to Check Answers

1. Rikesh completes this calculation.

$$\begin{array}{r} 8 \ 2 \ 8 \ 3 \ 0 \\ - 4 \ 5 \ 2 \ 0 \ 1 \\ \hline 3 \ 7 \ 6 \ 2 \ 9 \end{array}$$

Write an addition calculation he could use to check his answer.

$$\begin{array}{r} \square \ \square \ \square \ \square \ \square \\ + \square \ \square \ \square \ \square \ \square \\ \hline \square \ \square \ \square \ \square \ \square \end{array}$$

2. Tess completes this calculation.

$$\begin{array}{r} 6 \ 8 \ 0 \ 4 \ 2 \\ - 1 \ 7 \ 6 \ 1 \ 9 \\ \hline 5 \ 0 \ 4 \ 2 \ 3 \end{array}$$

Write an addition calculation she could use to check her answer.

$$\begin{array}{r} \square \ \square \ \square \ \square \ \square \\ + \square \ \square \ \square \ \square \ \square \\ \hline \square \ \square \ \square \ \square \ \square \end{array}$$

3. Elliott completes this calculation.

$$\begin{array}{r} 9 \ 2 \ 1 \ 0 \ 9 \\ - 6 \ 3 \ 9 \ 3 \ 4 \\ \hline 2 \ 8 \ 1 \ 7 \ 5 \end{array}$$

Write an addition calculation he could use to check his answer.

$$\begin{array}{r} \square \ \square \ \square \ \square \ \square \\ + \square \ \square \ \square \ \square \ \square \\ \hline \square \ \square \ \square \ \square \ \square \end{array}$$

4. Gurpreet completes this calculation.

$$\begin{array}{r} 7 \ 2 \ 1 \ 2 \ 7 \\ - 2 \ 4 \ 7 \ 6 \ 2 \\ \hline 4 \ 7 \ 3 \ 6 \ 5 \end{array}$$

Write an addition calculation she could use to check her answer.

$$\begin{array}{r} \square \ \square \ \square \ \square \ \square \\ + \square \ \square \ \square \ \square \ \square \\ \hline \square \ \square \ \square \ \square \ \square \end{array}$$

## Reasoning – Using Addition Calculations to Check Answers

5. Cem completes this calculation.

$$\begin{array}{r} 8 \ 7 \ 2 \ 3 \ 2 \\ - 5 \ 0 \ 9 \ 4 \ 7 \\ \hline 3 \ 6 \ 2 \ 8 \ 5 \end{array}$$

Write an addition calculation he could use to check his answer.

$$\begin{array}{r} \square \ \square \ \square \ \square \ \square \\ + \square \ \square \ \square \ \square \ \square \\ \hline \square \ \square \ \square \ \square \ \square \end{array}$$

6. Simrah completes this calculation.

$$\begin{array}{r} 7 \ 3 \ 1 \ 8 \ 4 \\ - 2 \ 9 \ 4 \ 5 \ 6 \\ \hline 4 \ 3 \ 7 \ 2 \ 8 \end{array}$$

Write an addition calculation she could use to check her answer.

$$\begin{array}{r} \square \ \square \ \square \ \square \ \square \\ + \square \ \square \ \square \ \square \ \square \\ \hline \square \ \square \ \square \ \square \ \square \end{array}$$

7. Aamir completes this calculation.

$$\begin{array}{r} 9 \ 3 \ 2 \ 2 \ 1 \\ - 1 \ 8 \ 5 \ 2 \ 8 \\ \hline 7 \ 4 \ 6 \ 9 \ 3 \end{array}$$

Write an addition calculation he could use to check his answer.

$$\begin{array}{r} \square \ \square \ \square \ \square \ \square \\ + \square \ \square \ \square \ \square \ \square \\ \hline \square \ \square \ \square \ \square \ \square \end{array}$$

8. Bluebell completes this calculation.

$$\begin{array}{r} 6 \ 4 \ 1 \ 5 \ 0 \\ - 3 \ 6 \ 2 \ 9 \ 3 \\ \hline 2 \ 7 \ 8 \ 5 \ 7 \end{array}$$

Write an addition calculation she could use to check her answer.

$$\begin{array}{r} \square \ \square \ \square \ \square \ \square \\ + \square \ \square \ \square \ \square \ \square \\ \hline \square \ \square \ \square \ \square \ \square \end{array}$$

## Reasoning – Using Addition Calculations to Check Answers

9. Jozef completes this calculation.

$$\begin{array}{r} 9 \ 2 \ 5 \ 8 \ 5 \\ - 2 \ 4 \ 8 \ 9 \ 6 \\ \hline 6 \ 7 \ 6 \ 8 \ 9 \end{array}$$

Write an addition calculation he could use to check his answer.

$$\begin{array}{r} \square \ \square \ \square \ \square \ \square \\ + \square \ \square \ \square \ \square \ \square \\ \hline \square \ \square \ \square \ \square \ \square \end{array}$$

10. Jaya completes this calculation.

$$\begin{array}{r} 8 \ 6 \ 4 \ 8 \ 3 \\ - 5 \ 9 \ 7 \ 8 \ 6 \\ \hline 2 \ 6 \ 6 \ 9 \ 7 \end{array}$$

Write an addition calculation she could use to check her answer.

$$\begin{array}{r} \square \ \square \ \square \ \square \ \square \\ + \square \ \square \ \square \ \square \ \square \\ \hline \square \ \square \ \square \ \square \ \square \end{array}$$

11. Pablo completes this calculation.

$$\begin{array}{r} 6 \ 4 \ 7 \ 4 \ 2 \\ - 1 \ 8 \ 9 \ 7 \ 4 \\ \hline 4 \ 5 \ 7 \ 6 \ 8 \end{array}$$

Write an addition calculation he could use to check his answer.

$$\begin{array}{r} \square \ \square \ \square \ \square \ \square \\ + \square \ \square \ \square \ \square \ \square \\ \hline \square \ \square \ \square \ \square \ \square \end{array}$$

12. Storm completes this calculation.

$$\begin{array}{r} 7 \ 9 \ 6 \ 2 \ 8 \\ - 3 \ 9 \ 8 \ 3 \ 9 \\ \hline 3 \ 9 \ 7 \ 8 \ 9 \end{array}$$

Write an addition calculation she could use to check her answer.

$$\begin{array}{r} \square \ \square \ \square \ \square \ \square \\ + \square \ \square \ \square \ \square \ \square \\ \hline \square \ \square \ \square \ \square \ \square \end{array}$$

## Reasoning – Using Addition Calculations to Check Answers

### Beginner

1.  $31 + 23 = 54$

2.  $44 + 21 = 65$

3.  $13 + 30 = 43$

4.  $21 + 15 = 36$

5.  $14 + 13 = 27$

6.  $32 + 42 = 74$

7.  $24 + 34 = 58$

8.  $41 + 41 = 82$

9.  $14 + 53 = 67$

10.  $51 + 24 = 75$

11.  $35 + 61 = 96$

12.  $42 + 46 = 88$

### Easy

1.  $36 + 25 = 61$

2.  $54 + 16 = 70$

3.  $23 + 29 = 52$

4.  $24 + 19 = 43$

5.  $35 + 29 = 64$

6.  $47 + 38 = 85$

7.  $56 + 17 = 73$

8.  $68 + 26 = 94$

9.  $58 + 38 = 96$

10.  $38 + 49 = 87$

11.  $46 + 29 = 75$

12.  $39 + 59 = 98$

### Tricky

1.  $243 + 137 = 380$

2.  $129 + 342 = 471$

3.  $365 + 254 = 619$

4.  $194 + 163 = 357$

5.  $276 + 237 = 513$

6.  $369 + 265 = 634$

7.  $147 + 578 = 725$

8.  $458 + 366 = 824$

9.  $298 + 338 = 636$

10.  $779 + 168 = 947$

11.  $359 + 499 = 858$

12.  $398 + 397 = 795$

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Using Addition Calculations to Check Answers **ANSWERS**

## Reasoning – Using Addition Calculations to Check Answers

### Expert

1.  $2,425 + 1,636 = 4,061$

2.  $3,846 + 2,492 = 6,338$

3.  $3,263 + 4,569 = 7,832$

4.  $4,581 + 4,837 = 9,418$

5.  $5,792 + 2,867 = 8,659$

6.  $2,748 + 4,695 = 7,443$

7.  $3,872 + 5,546 = 9,418$

8.  $4,659 + 1,854 = 6,513$

9.  $6,978 + 2,568 = 9,546$

10.  $1,769 + 5,958 = 7,727$

11.  $3,759 + 4,879 = 8,638$

12.  $2,897 + 3,968 = 6,865$

### Brainbox

1.  $37,629 + 45,201 = 82,830$

2.  $50,423 + 17,619 = 68,042$

3.  $28,175 + 63,934 = 92,109$

4.  $47,365 + 24,762 = 72,127$

5.  $36,285 + 50,947 = 87,232$

6.  $43,728 + 29,456 = 73,184$

7.  $74,693 + 18,528 = 93,221$

8.  $27,857 + 36,293 = 64,150$

9.  $67,689 + 24,896 = 92,585$

10.  $26,697 + 59,786 = 86,483$

11.  $45,768 + 18,974 = 64,742$

12.  $39,789 + 39,839 = 79,628$