Year 3 | Number

Estimating quantities and checking sums

Learn and practise | Free preview

A sample from this topic. The complete topic collection contains three different resources and worked solutions.

Show your thinking using words, working or a labelled drawing. Use the explanations and example first.

What you will practise

• Estimating quantities and checking sums

• Explain and check an answer with an appropriate representation.

Useful starting skills: Use objects, drawings or a number line to explain a simple idea.

An estimate is a sensible approximation. Use a known group size or round numbers to friendly values when an exact count is unnecessary.

State how you estimated and whether your answer is likely above or below the exact result. Then compare the estimate with a calculated answer to catch large errors.

Worked example

Estimate 248+391 to the nearest hundred.

248 is closer to 200 than 300; 391 is closer to 400 than 300.

200+400=600.

Answer: About 600

Try it yourself

Name: _____ Date: _____

1. Round 247 and 386 to the nearest hundred and estimate their sum.

2. Round 563 and 218 to the nearest hundred and estimate their sum.

Answers and explanations

Check the method as well as the final answer. An alternative correct method is also valid.

1. 600

247≈200 and 386≈400; add the rounded values.

2. 800

563≈600 and 218≈200; add the rounded values.

Curriculum reference: VC2M3N06

Independent original resource. Not published or endorsed by VCAA. This focused set supports the listed skills; it is not a complete course or an official assessment.

This free preview may be shared intact with attribution. Not for sale.