

UNIT 13 ADDITION AND SUBTRACTION • TOPIC 13.1

Adding and subtracting efficiently

★ ☆ ☆ Getting started

Name

Date

Score

/ 20

Show you understand the basics. Write your answers in the boxes and on the lines.

1

Juma works out $486 + 237$ by adding the ones, the tens and the hundreds separately, then adding the three answers. (a) Complete his working. (b) Use the quicker column method, carrying digits, to work out $568 + 274$.

2 marks

(a) $486 + 237$

$$\begin{array}{r} 4 \quad 8 \quad 6 \\ + 2 \quad 3 \quad 7 \\ \hline \end{array}$$

$$1 \quad 3 \quad 6 + 7$$

$$80 + 30$$

$$400 + 200$$

(b) $568 + 274$

$$\begin{array}{r} 568 \\ + 274 \\ \hline \end{array}$$

2

Calculate. Use the column method.

3 marks

(a) $469 + 285$

$$\begin{array}{r} 469 \\ + 285 \\ \hline \end{array}$$

(b) $724 - 356$

$$\begin{array}{r} 724 \\ - 356 \\ \hline \end{array}$$

(c) $815 - 392$

$$\begin{array}{r} 815 \\ - 392 \\ \hline \end{array}$$

3

Write the answers.

2 marks

(a) What is the sum of 245 and 318?

(b) What is 160 less than 525?

(c) Find the difference between 830 and 470.

(d) What number is 205 more than 395?

4

A daladala carries 286 passengers in the morning and 347 passengers in the afternoon. How many passengers does it carry altogether?

2 marks

Estimate:

$$\begin{array}{r} 286 \\ + 347 \\ \hline \end{array}$$

Answer:

passengers

5

The school water tank holds 800 litres when it is full. On Monday 365 litres are used. How many litres are left in the tank?

1 mark

$$\begin{array}{r} 800 \\ - 365 \\ \hline \end{array}$$

Answer:

litres

6

Add or subtract a near hundred, then adjust. For example, $247 + 99 = 247 + 100 - 1 = 346$. Use this method to work out:

2 marks

(a) $356 + 199$

(b) $472 - 298$

(c) $538 + 299$

(d) $903 - 199$

7

Use this fact to write the answers. You do not need a written method.

2 marks

$538 + 276 = 814$

(a) $814 - 276$

(b) $814 - 538$

(c) $538 + 286$

(d) $538 + 275$

8

Add the hundreds, the tens and the ones in your head. For example, $245 + 132 = 300 + 70 + 7 = 377$. Do the same for these.

2 marks

(a) $364 + 125$

(b) $523 + 246$

(c) $612 + 357$

9

Write a subtraction you could use to check each addition.

2 marks

(a) $457 + 268 = 725$

(b) $389 + 146 = 535$

10

Halima works out $368 + 254$. Her answer is wrong.

2 marks

$$\begin{array}{r} 368 \\ + 254 \\ \hline 512 \end{array}$$

(a) What mistake has Halima made?

(b) Write the correct answer.

How did I do?

☐ Easy ☐ OK ☐ Tricky

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