

Award 1 mark for evidence of working out an estimate.

For questions 1, 2 and 3:

Award 2 marks for the correct answer. If the answer is incorrect, award 1 mark for evidence of using an appropriate method of calculation.

- Estimate the answer.
- Calculate the answer using a written method, recording any remainders as indicated.
- Check your answer.

Award 1 mark for evidence of checking the answer using an appropriate method, e.g. using the inverse operation.

1 $874 \div 6$
Record any remainder as a whole number.

Estimate

Calculate

145 remainder 4

Check

2 $734 \div 8$
Record any remainder as a fraction.

Estimate

Calculate

$91\frac{3}{4}$

Check

3 $424 \div 5$
Record any remainder as a decimal.

Estimate

Calculate

84.8

Check

Award 2 marks per question for the correct answer. If the answer is incorrect, award 1 mark for identifying the correct calculation(s).

4 The Mighty Wave Boat ride at Waterworld holds 8 people at a time. A large tour group of 387 people all want to have a go on the ride. How many boat trips are needed so that all 387 people get a ride?

49 trips

1
4 marks

2
4 marks

3
4 marks

4
2 marks

Name: _____

Date: _____ End-of-unit Test | Unit 6

5 The Ryan family have a gift voucher of £250 to spend on rides at Waterworld. All the rides cost £9 per person. How many rides can the Ryan family take between them?

27 rides

5
2 marks

6 In one day, the Underwater Tunnel ride at Waterworld sold 846 tickets. If each ride costs £9, how much did Waterworld make on the ride?

£7614

6
2 marks

7 In one day, 946 people went on the Almighty Splash ride at Waterworld. If the park is open for 8 hours each day, on average how many people went on the ride every hour?

118 people

7
2 marks