Year 6 maths: Big number calculations (Easy)

Maths · Number
Level: Easy

Student: _____ Date: _____

Instructions
- There are 10 questions. Read each one carefully.
- Write your answers on this paper. Use the space under a question to work it out.
- A grown-up can read a question aloud — that's fine.
- The answers are at the end. Check them together when you have finished.

Questions

1. The Blue Mountains scenic railway carried 4 725 passengers in January and 3 689 in February. How many passengers in the two months?

Answer: ☐

Working:

2. A stadium has 8 235 seats. 4 678 are already sold. How many seats are left?

Answer: ☐

Working:

3. A rainwater tank holds 6 004 litres. 2 957 litres are used on the garden. How many litres are left?

Circle one answer.

○ **A** 8961 ○ **B** 4047 ○ **C** 3047 ○ **D** 4953

4. Work out 7 130 − 2 485.

Answer: ☐

Working:

5. Work out 9 412 − 3 768.

Circle one answer.

○ **A** 5644 ○ **B** 5544 ○ **C** 6644 ○ **D** 6356

6. A club raised $3 640 and shares it equally between 4 teams. How many dollars does each team get?

Answer: $ ☐

Working:

7. Work out 4 020 ÷ 4.

Circle one answer.

○ **A** 10050 ○ **B** 105 ○ **C** 1005 ○ **D** 15

8. Two crowds were 468 235 and 357 896. How many people altogether?

Answer: ☐

Working:

9. A box holds 4 276 beads. How many beads are in 6 boxes?

Answer: ☐

Working:

10. Divide 457 by 4. Give the answer as a decimal.

Answer: ☐

Working:

Answer key

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1. 8414

Ones: 5 + 9 = 14, write 4 and regroup 1. Tens: 2 + 8 + 1 = 11, write 1 and regroup 1. Hundreds: 7 + 6 + 1 = 14, write 4 and regroup 1. Thousands: 4 + 3 + 1 = 8. 4 725 + 3 689 = 8 414.

2. 3557

Ones: 5 is less than 8, so trade: 15 − 8 = 7. Tens: 2 is less than 7, so trade: 12 − 7 = 5. Hundreds: 1 is less than 6, so trade: 11 − 6 = 5. Thousands: 7 − 4 = 3. 8 235 − 4 678 = 3 557.

3. C — 3047

Ones: 4 is less than 7, so trade: 14 − 7 = 7. Tens: the 0 has to trade from the next place and passes down 9. 9 − 5 = 4. Hundreds: the 0 has to trade from the next place and passes down 9. 9 − 9 = 0. Thousands: 5 − 2 = 3. 6 004 − 2 957 = 3 047.

4. 4645

Ones: 0 is less than 5, so trade: 10 − 5 = 5. Tens: 2 is less than 8, so trade: 12 − 8 = 4. Hundreds: 0 is less than 4, so trade: 10 − 4 = 6. Thousands: 6 − 2 = 4. 7 130 − 2 485 = 4 645.

5. A — 5644

Ones: 2 is less than 8, so trade: 12 − 8 = 4. Tens: 0 is less than 6, so trade: 10 − 6 = 4. Hundreds: 3 is less than 7, so trade: 13 − 7 = 6. Thousands: 8 − 3 = 5. 9 412 − 3 768 = 5 644.

6. $910

Share it in parts: 4 × 900 = 3 600; 4 × 10 = 40. 900 + 10 = 910.

7. C — 1005

Share it in parts: 4 × 1 000 = 4 000; 4 × 5 = 20. 1 000 + 5 = 1 005.

8. 826 131

468 235 + 357 896 = 826 131.

9. 25 656

4 000 × 6 = 24 000, 276 × 6 = 1 656. Total 25 656.

10. 114.25

457 ÷ 4 = 114 remainder 1. The remainder 1 is 0.25 of 4. So 114.25.