Year 5 maths: Numbers to millions and powers of ten (Medium)

Maths · Number · Level: Medium

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. Which words match 6 008 040?

Circle one answer.

- ○ **A** six million, eight thousand and forty
- ○ **B** six hundred thousand, eight hundred and four
- ○ **C** six hundred and eight thousand and forty
- ○ **D** six hundred million, eight hundred and four thousand

2. Which shows 2 406 080 split into place values?

Circle one answer.

- ○ **A** 2 + 4 + 6 + 8
- ○ **B** 2 000 000 + 400 000 + 6000 + 800
- ○ **C** 2000 + 400 + 60 + 8
- ○ **D** 2 000 000 + 400 000 + 6000 + 80

3. What number is 5 000 000 + 300 000 + 7000 + 20? Answer: ☐

Working:

4. How many tenths are in 5.8? Answer: ☐ tenths

Working:

5. 5.62 × 100 = ?

Answer: ☐

Working:

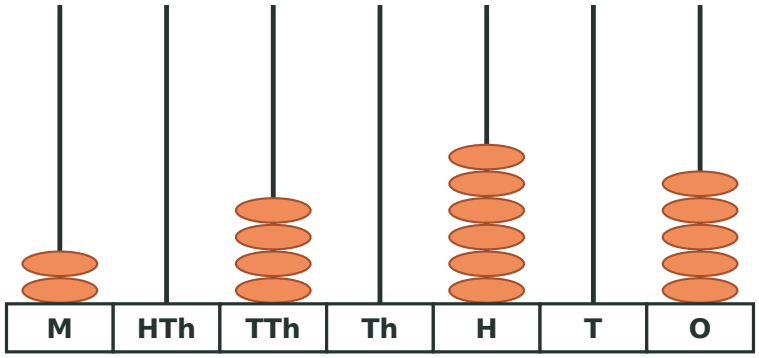
6. What is 2800 divided by 10?

Answer: ☐

Working:

7. Read the abacus. What number is it?

Answer: ☐



Working:

8. A ribbon is 0.45 m long. A shop lays 100 of these ribbons end to end. How long is the line in metres?

Answer: ☐ m

Working:

9. What is 6.4 × 100?

Circle one answer.

○ **A** 64 ○ **B** 640 ○ **C** 6400 ○ **D** 0.064

10. A number divided by 1000 is 45. What is the number?

Answer: ☐

Working:

Answer key

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1. A — six million, eight thousand and forty

6 008 040 is six million, eight thousand and forty. Each group of three digits is read on its own.

2. D — 2 000 000 + 400 000 + 6000 + 80

2 406 080 = 2 000 000 + 400 000 + 6000 + 80. Each digit keeps its own place.

3. 5 307 020

5 000 000 + 300 000 + 7000 + 20 = 5 307 020. Put each digit in its place and 0 where nothing is added.

4. 58 tenths

Each whole is 10 tenths, so 5.8 is 58 tenths.

5. 562

Each digit moves 2 places left: 5.62 × 100 = 562.

6. 280

2800 ÷ 10 = 280. Every digit moves one place to the right.

7. 2 040 605

Say the digit on each spike, biggest place first. An empty spike is a 0: 2 040 605.

8. 45 m

0.45 × 100 = 45, so the line is 45 m long.

9. B — 640

Multiplying by 100 moves every digit 2 places left: 6.4 becomes 640.

10. 45 000

Dividing by 1000 moves digits 3 places right. To undo it, multiply 45 by 1000: 45 000.