Year 6 Class 1

Q1

What is the place value of the 9 in 6693327?

○ 9 tens   ○ 9 hundreds

○ 9 ten thousands   ○ 9 thousands

Q2

What is the place value of the 1 in 13272?

○ 1000   ○ 100

○ 10   ○ 10000

Q3

Find the highest common factor.

The **HCF** of **24** and **60** = ____

Q4

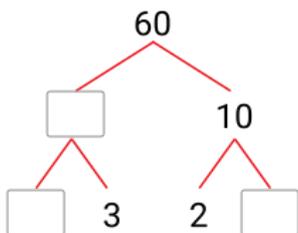Find the highest common factor.

The **HCF** of **50** and **60** = ____

Q5

Find the lowest common multiple.

The **LCM** of **12** and **2** = ____

Q6

Complete the factor tree.

Q7

What is the place value of the 6 in 5630817?

○ 6000   ○ 600

○ 600000   ○ 60000

Q8

What is the place value of the 3 in 6437409?

○ 3 tens   ○ 3 hundreds

○ 3 thousands   ○ 3 ten thousands

Q9

What is the place value of the 3 in 3692648?

○ 3 ten thousands   ○ 3 hundreds

○ 3 millions   ○ 3 thousands

Q10

Find the highest common factor.

The **HCF** of **40** and **88** = ____

Q11

Find the highest common factor.

The **HCF** of **81** and **36** = ____

Q12

Find the highest common factor.

The **HCF** of **21** and **49** = ____

Q13

Find the lowest common multiple.

The **LCM** of **9** and **15** = ____

Q14

Find the lowest common multiple.
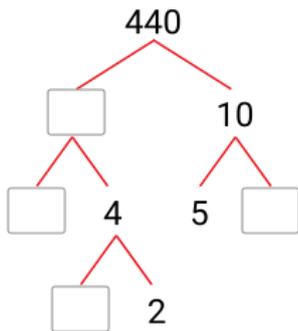
The **LCM** of **10** and **16** = ☐

Q15

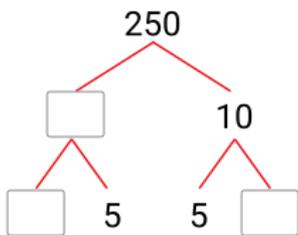Find the lowest common multiple.

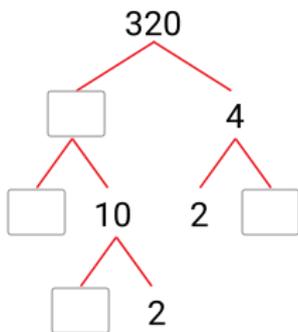The **LCM** of **15** and **25** = ☐

Q16

Complete the factor tree.

440
├─ ☐
│ ├─ ☐
│ └─ 4
│   └─ ☐
│   └─ 2
└─ 10
   ├─ 5
   └─ ☐

Q17

Complete the factor tree.

250
├─ ☐
│ ├─ ☐
│ └─ 5
└─ 10
   ├─ 5
   └─ ☐

Q18

Complete the factor tree.

320
├─ ☐
│ ├─ ☐
│ └─ 10
│   └─ ☐
│   └─ 2
└─ 4
   ├─ 2
   └─ ☐

Q19

In **2 818 536** which digit is in the **hundred-thousands** place?

1   2   8   5

Q20

In **1 782 471** which digit is in the **millions** place?

7   1   8   2

Q21

In **10 242 301** which digit is in the **millions** place?

1   0   2   4

Q22

Find the highest common factor.

The **HCF** of **220** and **100** = ☐

Q23

Find the highest common factor.

The **HCF** of **27** and **72** = ☐

Q24

Find the highest common factor.

The **HCF** of **35** and **56** = ☐

Q25

Find the lowest common multiple.

The **LCM** of **16** and **24** = ☐

Q26

Find the lowest common multiple.

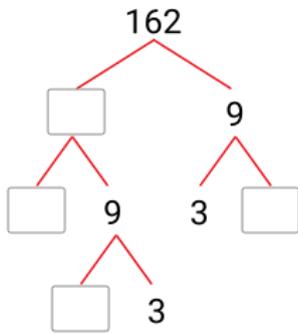The **LCM** of **22** and **33** = ☐

Q27

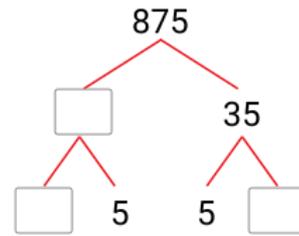Find the lowest common multiple.

The **LCM** of **8** and **32** = ☐

Q28

Complete the factor tree.

162
├── ☐
│   ├── ☐
│   │   └── 9
│   │   └── ☐ 3
│   └── 3
└── 9
    └── 3 ☐

Q29

Complete the factor tree.

875
├── ☐
│   └── ☐ 5
│   └── 5 ☐
└── 35

Q30

Complete the factor tree.

75
├── ☐
│   └── ☐ 5
└── 3