

# Lesson 2

Can I divide by 10, 100 or  
1000?

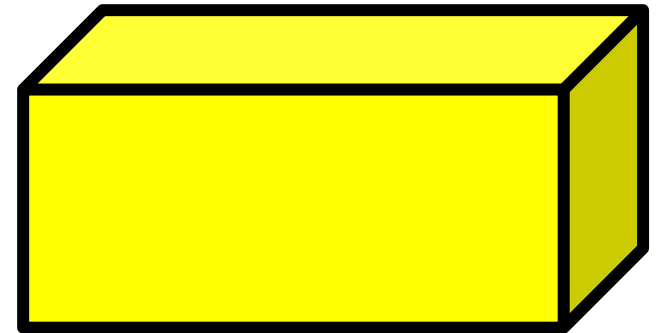
# Fast 5

$$47 \times 28 =$$

$$400 \times 20 =$$

$$269 + \boxed{\phantom{000}} = 1000$$

$$21 - 48 =$$



Number of  
vertices on a  
cube

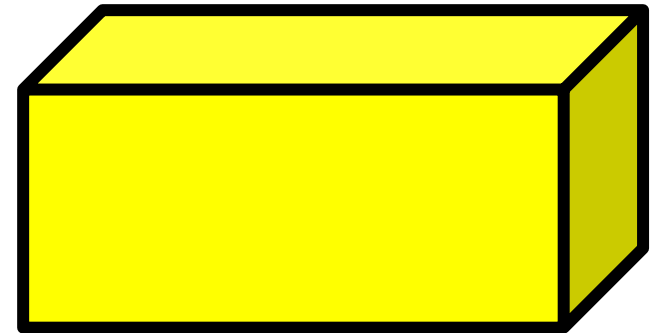
# Fast 5 Answers

$$47 \times 28 = 1316$$

$$400 \times 20 = 8000$$

$$269 + \boxed{731} = 1000$$

$$21 - 48 = -27$$



Number of  
vertices on a  
cube 8

# Division by 10

Thousands	Hundreds	Tens	Ones	Tenths	Hundredths
	7	5	5	.	
		7	5	.	5
				.	

**To divide by 10 all the digits move one space to the right.**

$$755 \div 10 = 75.5$$

Thousands	Hundreds	Tens	Ones	Tenths	Hundredths
		2	1	• 1	
			2	• 1	• 1
				•	

**To divide by 10 all the digits move one space to the right.**

$$21.1 \div 10 = 2.11$$

**Division by  
100**

Thousands	Hundreds	Tens	Ones	Tenths	Hundredths
	8	0	9		
			8	0	9

**To divide by 100 all the digits move two spaces to the right.**

$$809 \div 100 = 8.09$$



Thousands	Hundreds	Tens	Ones	Tenths	Hundredths
			6	•	
			0	•	0
				•	6

**To divide by 100 all the digits move two spaces to the right.**

$$6 \div 100 = 0.06$$

**Division by  
1000**

Thousands	Hundreds	Tens	Ones	Tenths	Hundredths
7	0	8	0	•	
			7	•	0
				•	8

**To divide by 1000 all the digits move three spaces to the right.**

**$7080 \div 1000 = 70.8$  (the last 0 is not needed as it is not a placeholder)**

Thousands	Hundreds	Tens	Ones	Tenths	Hundredths
	5	2	0	•	
			0	•	5
				•	2

**To divide by 1000 all the digits move three spaces to the right.**

**$520 \div 1000 = 0.52$  (the last 0 is not needed as it is not a placeholder but we do use a 0 in the ones column)**

**Have a go at these...**

**12.3**

**14.2**

**3.2**

**2**

**÷ 10**

# Answers

**1.23**

**1.42**

**0.32**

**0.2**

**532**

**234**

**320**

**210**

**÷ 100**



# Answers

**5.32    2.34    3.2    2.1**

**÷ 100**

**3.2**

**34.2**

**332.1**

**253**

**÷ 1000**

# Answers

**0.0032**

**0.0342**

**0.3321**

**0.253**

**÷ 1000**

Now on to  
your task!