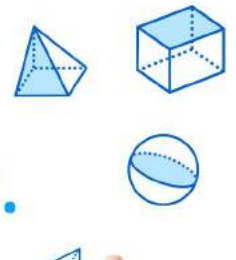
cuemath
THE MATH EXPERT

Get better at Math. Get better at everything.



Come experience the Cuemath methodology and ensure your child stays ahead at math this summer.

Adaptive Platform | **Interactive Visual Simulations** | **Personalized Attention**

For Grades 1 - 10

LIVE online classes by trained and certified experts.

Get the Cuemath advantage

Book a FREE trial class

cuemath
THE MATH EXPERT

Multiplication and Division Worksheets Grade 5

1) Calculate the product for the following:
   a) 18310×15
   b) 2082×67

2) Match the following division operations with their products.

Operation	Result
1. $4500 \div 36$	a. Remainder = 3
2. $3430 \div 23$	b. Quotient = 125
3. $2175 \div 15$	c. Remainder = 1
4. $5545 \div 12$	d. Quotient = 145

3) Perform the division operation and find the quotient.
   a) $3250 \div 26$
   b) $77938 \div 19$

4) Calculate the remainder and verify your answer:
   $9999 \div 11$

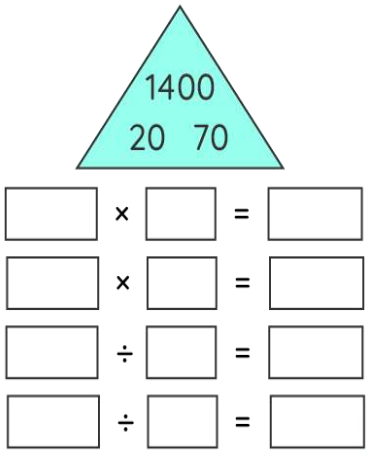
5) Fill in the blanks.
   $15 \times 48 =$ ___

   $15 \times$ ___ $= 720$

   $720 \div$ ___ $= 48$

   $720 \div 15 =$ ___

6) Complete each family of facts.



7) State whether true or false.

a) Multiplication operation can be performed to check the result for the division.

b) Division is repeated subtraction.

8) There are 286 calories in a chocolate bar. How many calories are there in a pack of 24 bars?

9) How many seconds are there in an hour?

10) Fill in the blanks for the following multiplication problem.

				9	9	9	9
×						4	5
+			□	9	□	9	□
+		□	9	9	□	6	□
=		4	4	□	9	5	□

cuemath
THE MATH EXPERT

When you learn math in an interesting way, you never forget.

25 Million
Math classes & counting

100K+
Students learning Math the right way

20+ Countries
Present across USA, UK, Singapore, India, UAE & more.

Why choose Cuemath?

"Cuemath is a valuable addition to our family. We love solving puzzle cards. My daughter is now visualizing maths and solving problems effectively!"

- Gary Schwartz

"Cuemath is great because my son has a one-on-one interaction with the teacher. The instructor has developed his confidence and I can see progress in his work. One-on-one interaction is perfect and a great bonus."

- Kirk Riley

"I appreciate the effort that miss Nitya puts in to help my daughter understand the best methods and to explain why she got a problem incorrect. She is extremely patient and generous with Miranda."

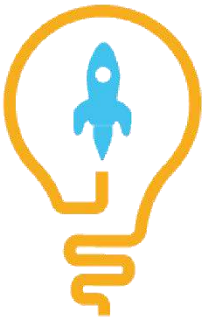
- Barbara Cabrera

Get the Cuemath advantage

Book a FREE trial class

cuemath
THE MATH EXPERT

ANSWERS



1)	a) 274650 b) 139494
2)	1--b; 2--a; 3--d; 4--c
3)	a) 125 b) 4102
4)	Remainder = 0
5)	720, 48, 15, 48
6)	Refer the diagram in the solution.
7)	a) True b) True
8)	6864 calories
9)	3600 seconds
10)	Perform the multiplication on given operands.

cuemath
THE MATH EXPERT

SOLUTIONS

Complete solution/explanation

1) a)

			1	8	3	1	0
×						1	5
+			9	1	5	5	0
+		1	8	3	1	0	
=		2	7	4	6	5	0

b)

				2	0	8	2
×						6	7
+			1	4	5	7	4
+		1	2	4	9	2	
=		1	3	9	4	9	4

2)

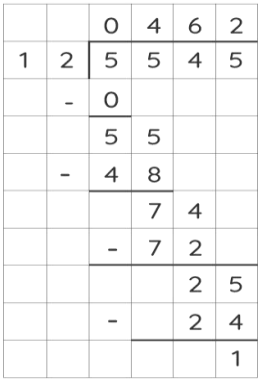
Operation	Result
1. 4500 ÷ 36	b. Quotient = 125
2. 3430 ÷ 23	a. Remainder = 3

1. 4500 ÷ 36

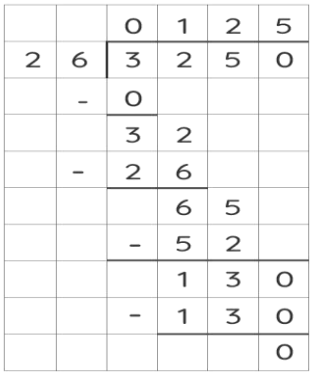
		0	1	2	5
3	6	4	5	0	0
	-	0			
		4	5		
	-	3	6		
			9	0	
		-	7	2	
			1	8	0
		-	1	8	0
					0

2. 3430 ÷ 23

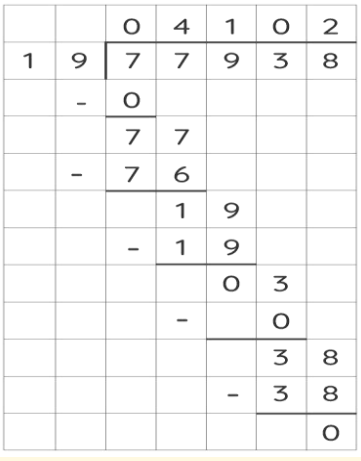
		0	1	4	9
2	3	3	4	3	0
	-	0			
		3	4		
	-	2	3		
		1	1	3	
		-	9	2	
			2	1	0
		-	2	0	7
					3

3. 2175 ÷ 15	d. Quotient = 145
4. 5545 ÷ 12 	c. Remainder = 1

3) a) Quotient = 125



b) Quotient = 4102



4)

		0	9	0	9
1	1	9	9	9	9
	-	0			
		9	9		
	-	9	9		
			0	9	
		-		0	
				9	9
		-		9	9
					0

Verification: Divisor × Quotient + Remainder = Dividend

= 11 × 909 + 0 = 9999.

5)

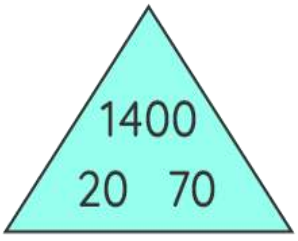
15 × 48 = <u>720</u>

15 × <u>48</u> = 720

720 ÷ <u>15</u> = 48

720 ÷ 15 = <u>48</u>

6)



20 × 70 = 1400

70 × 20 = 1400

1400 ÷ 70 = 20

1400 ÷ 20 = 70

7)

a) True

b) True

8) Amount of calories in one chocolate bar = 286 calories

Amount of calories in 24 bars = $286 \times 24 = 6864$ calories

9) Number of seconds in one minute = 60 seconds

Number of seconds in 1 hour(= 60 minutes) = 60×60 = 3600 seconds

10) Multiplication for the above problem can be performed as:

				9	9	9	9
×						4	5
+			4	9	9	9	5
+		3	9	9	9	6	
=		4	4	9	9	5	5

FUN FACT

1. Multiplication of any number by 1 results in that number itself.

2. The word Multiply originated from the Latin word "multiplicō" which means 'many fold'.

3. Multiplication is the inverse operation of division.