



Grade 6 Maths Reviewer · Quarter

2

MATATAG curriculum · read the rule, study the example, then try it yourself



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Name: _____

Date: _____

Score: _____

Ratio

Remember: Make a ratio table: if boys : girls is 2 : 3, then 4 : 6, 6 : 9 and so on. Find what one “part” is worth.

Example: The ratio of boys to girls is 3 : 4. There are 15 boys. How many girls are there?

Answer: 20

Try it:

- 1 Write the ratio **32 : 28** in simplest form.
- 2 The ratio of boys to girls is 5 : 7. There are 15 boys. How many girls are there?

Proportion

Remember: Find the value of one first (unit rate), then multiply: 4 pencils for ₱36 means 1 for ₱9.

Example: 3 pencils cost ₱36. At the same price, how much do 6 pencils cost?

Answer: ₱72

Try it:

- 3 A tap fills 22 litres in 2 minutes. How many litres does it fill in 10 minutes?
- 4 A tap fills 24 litres in 3 minutes. How many litres does it fill in 12 minutes?

Percent

Remember: Percent means “out of 100”. Start with 10% (divide by 10) and 50% (halve), then build 20%, 25% and 75%.

Example: What is **75%** of **180**?

Answer: 135

Try it:

- 5 What is **50%** of **240**?
- 6 What is **75%** of **160**?

Percent in real life

Remember: Work out the discount first, then subtract it from the price. 25% off means you pay 75%.

Example: A bag costs ₱320. It is **50% off**. What is the sale price?

Answer: ₱160

Try it:

- 7 A bag costs ₱680. It is **25% off**. What is the sale price?
- 8 A bag costs ₱360. It is **25% off**. What is the sale price?

Exponents and GEMDAS

Remember: Use the order: groupings (brackets), exponents, then $\times$ and $\div$ left to right, then $+$ and $-$ left to right.

Example: $4 + 2 \times 4 - 6 = ?$

Answer: 6

Try it:

- 9 $2^2 + 3 \times 7 = ?$
- 10 $(5 + 5) \times 4 - 3 = ?$



Answer key · Grade 6 Maths Reviewer · Quarter 2

Try-it answers



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#	Skill	Answer
1	Ratio	8 : 7
2	Ratio	21
3	Proportion	110
4	Proportion	96
5	Percent	120
6	Percent	120
7	Percent in real life	₱510
8	Percent in real life	₱270
9	Exponents and GEMDAS	25
10	Exponents and GEMDAS	37