

Announcement!!!

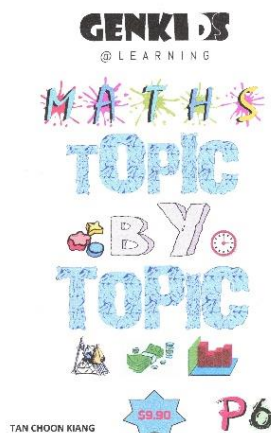
Maths Topic by Topic for Primary 6 level is officially launched today, 10th December 2021! Each book costs \$9.90, excludes delivery.

Each topic includes an introduction and some exercises for students to practice on. The booklet also comes along with detailed step by step answer key to allow parents and tutors to guide the child how to derive the answer.

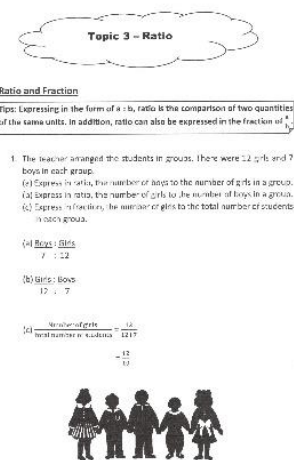
Tutors and parents who would like to purchase the book may liaise with us for ordering details.

Do help to share this good news around too.

Thank you and stay safe all!



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Answer Key	



Exercise 3A

- There were thrice as many erasers as rulers in the stationery box. After Kelly had taken out 66 erasers, there were still $\frac{2}{5}$ as many erasers as rulers left in the box.
 - Find the number of erasers in the stationery box at first.
 - Find the total number of erasers and rulers in the end.
- Fiona, Cecilia and Evonne shared a sum of money. The amount of money Cecilia received to the amount of money Evonne was in the ratio 4 : 9. When Evonne gave \$105 to Fiona and she had $\frac{2}{5}$ as much money left as Cecilia. If Fiona had received \$50 at first,
 - How much money did she have in the end?
 - Find the total amount of money that the three girls had shared altogether.

Topic 3 – Algebra

Exercise 1A

$$1(a) \frac{3x+17}{8} + \frac{17+3x}{8}$$

$$1(b) \frac{7x-100}{8}$$

$$1(c) \frac{10x}{8} + 3b$$

$$1(d) 12x + 8 + 96$$

$$2(a) 48 + 2m + 16$$

$$= 48 + 12 \times 33 + 16$$

$$= 48 + 6 + 16$$

$$= 8 + 16$$

$$= 24$$

$$2(b) \frac{7x-24}{8} - \frac{24-7x}{8}$$

$$= \frac{7x-24-24+7x}{8}$$

$$= \frac{14x-48}{8}$$

$$= \frac{14x}{8} - \frac{48}{8}$$

$$= \frac{7x}{4} - 6$$

$$2(c) 30 \times 64 + 64 \times 7 - 122 \times 2$$

$$= 50 \times 64 + 64 \times 56 + 7 \times (12 \times 4) \times 2$$

$$= 50 \times 24 + (8) \times (48 \times 2)$$

$$= 1,200 + 8 - 96$$

$$= 1,008 - 96$$

$$= 1,112$$

$$3(a) 34 + 5b \times 3 - 12b + 4$$

$$= 34 + 15b - 3b$$

Primary 6

Maths

Topic By Topic

Answer Key

$$= 34 + 12b$$

$$3(b) 100y + 34 + 2 - 30y \times 2 + 16$$

$$= 100y + 17 - 60y + 16$$

$$= 100y - 60y + 17 + 16$$

$$= 40y + 33$$

$$3(c) 26 + \frac{10x}{8} - 10 \times 2 + 9e$$

$$= 26 + \frac{10x}{8} - 20 + 9e$$

$$= 26 - 20 + \frac{10x}{8} + 9e$$

$$= 6 + \frac{10x}{8} + 9e$$

$$3(d) 327 + (100 - 3g \times 4) + 487 \div 4 + 14g$$

$$= 327 + (100 - 12g) + 121 + 14g$$

$$= 327 + 127 + 100 - 12g + 14g$$

$$= 554 + 2g - 5g$$

$$= 554 - 3g$$

$$3(e) 327 + (100 - 3g \times 4) + 487 \div 4 + 14g$$

$$= 327 + (100 - 12g) + 121 + 14g$$

$$= 327 + 127 + 100 - 12g + 14g$$

$$= 554 + 2g - 5g$$

$$= 554 - 3g$$

$$3(f) 34 + 5b \times 3 - 12b + 4$$

$$= 34 + 15b - 3b$$

$$= 34 + 12b$$

$$= 34 + 12b$$

$$= 34 + 12b$$

$$= 34 + 12b$$

$$= 34 + 12b$$

$$= 34 + 12b$$

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