

ANSWER/INTERPRETATION

TO

**UNDERSTANDING
QUANTITATIVE REASONING**

for

ELEMENTARY SCHOOLS

3

BY FELIX BOB ERIAMIATOR
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GATEWAY UNIVERSITIES PUBLISHERS

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EXERCISE 1

- | | |
|-------------------|-------------------|
| 1) 20, 28 | 11) 194, 198, 210 |
| 2) 8, 20 | 12) 317, 329, 333 |
| 3) 45, 53, 57 | 13) 255, 263, 267 |
| 4) 50, 58, 66 | 14) 354, 358, 366 |
| 5) 26, 34, 38 | 15) 409, 413, 421 |
| 6) 80, 84 | 16) 85, 97, 101 |
| 7) 100, 112, 116 | 17) 494, 498, 506 |
| 8) 57, 65, 73 | 18) 741, 745, 753 |
| 9) 86, 90, 98 | 19) 23, 27, 31 |
| 10) 157, 161, 165 | 20) 632, 644, 648 |

- | | |
|--------------|------------|
| 7) 77, 87 | 13) 9, 21 |
| 8) 55, 63 | 14) 24, 32 |
| 9) 62, 72 | 15) 32, 40 |
| 10) 103, 108 | 16) 36, 48 |
| 11) 107, 111 | |
| 12) 10, 18 | |

EXERCISE 2

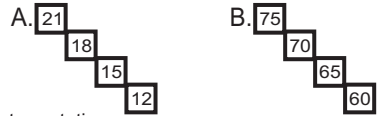
- 1) 44, 50, 53
- 2) 15, 24, 30
- 3) 70, 75, 80
- 4) 112, 122, 127
- 5) 26, 32, 35
- 6) 300, 600, 700
- 7) 550, 650, 700, 750
- 8) 15, 20, 25
- 9) 220, 280, 300
- 10) 310, 320, 350, 360
- 11) 14, 18, 26
- 12) 40, 50, 60, 65
- 13) 800, 1000, 1100
- 14) 15, 7, 11
- 15) 29, 31, 35
- 16) 24, 27, 33
- 17) 100, 700, 1100
- 18) 70, 130, 150
- 19) 20, 25, 30
- 20) 212, 222, 232, 242

EXERCISE 3



- | | |
|-----------|-------------|
| 1) 10, 20 | 4) 50, 60 |
| 2) 15, 25 | 5) 85, 90 |
| 3) 45, 50 | 6) 105, 115 |

EXERCISE 4



Interpretation
 A. = 21-3= 18-3=15-3= 12
 B.=75-5= 70-5 =65-5= 60

- | | |
|-------------|--------------|
| 1) 14, 11 | 11) 76, 70 |
| 2) 55, 46 | 12) 100, 90 |
| 3) 10, 2 | 13) 40, 35 |
| 4) 88, 82 | 14) 60, 80 |
| 5) 39, 36 | 15) 23, 18 |
| 6) 36, 30 | 16) 82, 72 |
| 7) 59, 56 | 17) 97, 87 |
| 8) 75, 65 | 18) 60, 50 |
| 9) 99, 96 | 19) 20, 10 |
| 10) 100, 94 | 20) 165, 185 |

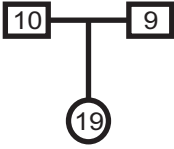
EXERCISE 5



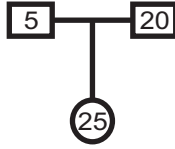
Interpretation	Interpretation	Interpretation
$8 + 4 = 12$	$2 + 8 = 10$	$8 + 0 = 8$
$12 - 8 = 4$	$10 - 2 = 8$	$8 - 8 = 0$
$12 - 4 = 8$	$10 - 8 = 2$	$8 - 0 = 8$

- | | |
|--------------------|---------------------|
| 1) $12 + 5 = 17$ | 11) $30 - 18 = 12$ |
| 2) $20 + 15 = 35$ | 12) $16 - 12 = 4$ |
| 3) $25 + 7 = 32$ | 13) $22 - 10 = 12$ |
| 4) $12 - 38 = -26$ | 14) $38 - 15 = 23$ |
| 5) $45 - 25 = 20$ | 15) $50 - 32 = 18$ |
| 6) $52 + 10 = 62$ | 16) $22 - 20 = 2$ |
| 7) $50 - 42 = 8$ | 17) $9 + 16 = 25$ |
| 8) $28 - 14 = 14$ | 18) $104 - 94 = 10$ |
| 9) $90 - 52 = 38$ | 19) $38 - 14 = 24$ |
| 10) $84 - 42 = 42$ | 20) $43 - 21 = 22$ |

EXERCISE 6



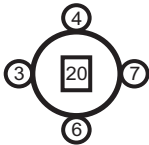
Interpretation:
 $10 + 9 = 19$
 $19 - 10 = 9$
 $19 - 9 = 10$



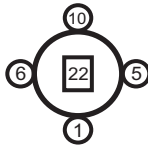
Interpretation:
 $5 + 20 = 25$
 $25 - 5 = 20$
 $25 - 20 = 5$

- | | |
|--------------------|--------------------|
| 1) $8 + 12 = 20$ | 11) $65 - 5 = 60$ |
| 2) $25 - 10 = 15$ | 12) $30 - 16 = 14$ |
| 3) $22 + 15 = 37$ | 13) $42 - 12 = 30$ |
| 4) $61 - 20 = 41$ | 14) $68 - 42 = 26$ |
| 5) $20 - 12 = 8$ | 15) $38 - 23 = 15$ |
| 6) $75 - 40 = 35$ | 16) $15 + 12 = 27$ |
| 7) $50 - 15 = 35$ | 17) $31 - 7 = 24$ |
| 8) $44 - 20 = 24$ | 18) $28 - 16 = 12$ |
| 9) $30 + 15 = 45$ | 19) $7 + 9 = 16$ |
| 10) $80 - 50 = 30$ | 20) $36 - 16 = 20$ |

EXERCISE 7



Interpretation:
 $6 + 7 + 4 + 3 = 20$
 $20 - (3 + 4 + 6) = 7$

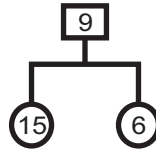


Interpretation:
 $1 + 5 + 10 + 6 = 22$
 $22 - (6 + 5 + 1) = 10$

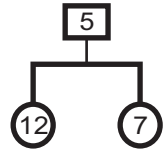
- 1) $6 + 7 + 3 + 10 = 26$
- 2) $33 - (7 + 21 + 1) = 4$
- 3) $43 - (10 + 20 + 5) = 8$
- 4) $46 - (20 + 7 + 9) = 10$
- 5) $55 - (10 + 5 + 150) = 25$
- 6) $4 + 3 + 15 + 6 = 28$
- 7) $10 + 3 + 12 + 5 = 30$
- 8) $25 + 10 + 15 + 15 = 65$
- 9) $35 - (10 + 16 + 5) = 4$
- 10) $29 - (2 + 7 + 9) = 11$
- 11) $39 - (3 + 11 + 15) = 10$
- 12) $43 - (20 + 11 + 9) = 3$
- 13) $25 - (8 + 2 + 5) = 10$

- 14) $9 + 7 + 10 + 12 = 38$
- 15) $4 + 12 + 3 + 5 = 24$
- 16) $81 - (30 + 25 + 10) = 16$
- 17) $30 - (18 + 4 + 3) = 5$
- 18) $9 + 4 + 10 + 2 = 25$
- 19) $25 - (6 + 8 + 5) = 6$
- 20) $220 - (102 + 20 + 5) = 93$

EXERCISE 8



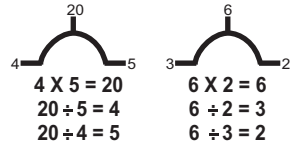
$15 - 6 = 9$
 $9 + 6 = 15$
 $15 - 9 = 6$



$12 - 7 = 5$
 $7 + 5 = 12$
 $12 - 5 = 7$

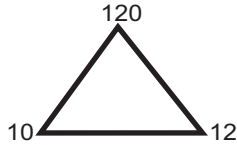
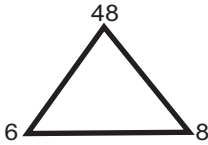
- | | |
|--------------------|---------------------|
| 1) $20 - 6 = 14$ | 11) $15 + 24 = 39$ |
| 2) $15 - 9 = 6$ | 12) $12 + 7 = 19$ |
| 3) $28 - 12 = 16$ | 13) $22 + 13 = 35$ |
| 4) $72 - 40 = 32$ | 14) $105 - 5 = 100$ |
| 5) $54 - 30 = 24$ | 15) $18 + 3 = 21$ |
| 6) $62 - 42 = 20$ | 16) $34 - 14 = 20$ |
| 7) $28 - 12 = 16$ | 17) $18 - 4 = 14$ |
| 8) $5 + 12 = 17$ | 18) $72 - 30 = 42$ |
| 9) $10 + 8 = 18$ | 19) $50 - 32 = 18$ |
| 10) $15 + 30 = 55$ | 20) $94 - 82 = 12$ |

EXERCISE 9



- | | |
|-------------------------|-----------------------|
| 1) $3 \times 8 = 24$ | 8) $66 \div 6 = 11$ |
| 2) $24 \div 6 = 4$ | 9) $49 \div 7 = 7$ |
| 3) $20 \div 5 = 4$ | 10) $8 \times 9 = 72$ |
| 4) $8 \times 6 = 26$ | |
| 5) $40 \div 10 = 4$ | |
| 6) $48 \div 4 = 12$ | |
| 7) $12 \times 10 = 120$ | |

EXERCISE 10



$$6 \times 8 = 48$$

$$48 \div 8 = 6$$

$$48 \div 6 = 8$$

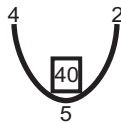
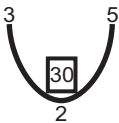
$$10 \times 12 = 120$$

$$120 \div 12 = 10$$

$$120 \div 10 = 12$$

- | | |
|-------------------------|--------------------------|
| 1) $5 \times 9 = 45$ | 11) $33 \div 11 = 3$ |
| 2) $60 \div 6 = 10$ | 12) $20 \times 9 = 180$ |
| 3) $36 \div 3 = 12$ | 13) $150 \div 10 = 15$ |
| 4) $8 \times 7 = 56$ | 14) $55 - 5 = 11$ |
| 5) $90 \div 9 = 10$ | 15) $8 \times 11 = 88$ |
| 6) $12 \times 11 = 132$ | 16) $18 \times 10 = 180$ |
| 7) $180 \div 15 = 12$ | 17) $40 \div 8 = 5$ |
| 8) $66 \div 3 = 22$ | 18) $200 \div 10 = 20$ |
| 9) $72 \div 8 = 9$ | 19) $105 \div 5 = 21$ |
| 10) $96 \div 8 = 12$ | 20) $9 \times 11 = 99$ |

EXERCISE 11



$$3 \times 5 \times 2 = 30$$

$$30 \div (3 \times 5) = 2$$

$$30 \div (2 \times 5) = 3$$

$$4 \times 2 \times 5 = 40$$

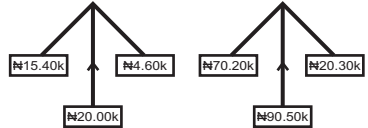
$$40 \div (4 \times 2) = 5$$

$$40 \div (5 \times 2) = 4$$

- 1) $5 \times 4 \times 2 = 40$
- 2) $6 \times 3 \times 0 = 0$
- 3) $30 \div (5 \times 2) = 3$
- 4) $60 \div (10 \times 2) = 3$
- 5) $11 \times 3 \times 4 = 132$
- 6) $140 \div (7 \times 5) = 4$
- 7) $70 \div (2 \times 7) = 5$
- 8) $48 \div (6 \times 4) = 2$
- 9) $30 \div (5 \times 3) = 2$
- 10) $150 \div (6 \times 5) = 5$
- 11) $90 \div (9 \times 10) = 1$
- 12) $18 \div (3 \times 1) = 6$
- 13) $5 \times 11 \times 2 = 110$
- 14) $36 \div (2 \times 3) = 6$
- 15) $7 \times 3 \times 4 = 84$
- 16) $108 \div (9 \times 4) = 3$

- 17) $168 \div (8 \times 3) = 7$
- 18) $2 \times 6 \times 6 = 72$
- 19) $84 \div (3 \times 4) = 7$
- 20) $88 \div (8 \times 1) = 11$

EXERCISE 12

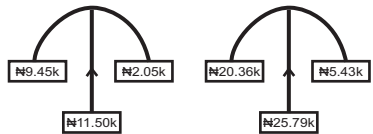


$$\begin{array}{r} \text{₦20.00k} \\ - \text{₦15.40k} \\ \hline \text{₦4.60k} \end{array}$$

$$\begin{array}{r} \text{₦90.00k} \\ - \text{₦70.20k} \\ \hline \text{₦20.30k} \end{array}$$

- | | |
|-------------|-------------|
| 1) ₦4.13k | 11) ₦15.45k |
| 2) ₦13.35k | 12) ₦5.16k |
| 3) ₦1.99k | 13) ₦20.59k |
| 4) ₦5.43k | 14) ₦21.24k |
| 5) ₦5.30k | 15) ₦34.15k |
| 6) ₦8.23k | 16) ₦26.05k |
| 7) ₦16.00k | 17) ₦10.14k |
| 8) ₦15.15k | 18) ₦7.07k |
| 9) ₦10.07k | 19) ₦18.01k |
| 10) ₦37.30k | 20) ₦1.13k |

EXERCISE 13

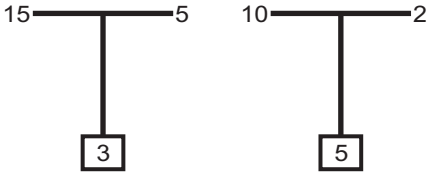


$$\begin{array}{r} \text{₦11.50k} \\ - \text{₦9.45k} \\ \hline \text{₦2.05k} \end{array}$$

$$\begin{array}{r} \text{₦25.79k} \\ - \text{₦20.36k} \\ \hline \text{₦5.43k} \end{array}$$

- | | |
|-------------|-------------|
| 1) ₦0.50k | 11) ₦45.15k |
| 2) ₦15.86k | 12) ₦10.22k |
| 3) ₦27.10k | 13) ₦17.84k |
| 4) ₦5.05k | 14) ₦14.22k |
| 5) ₦4.04k | 15) ₦8.20k |
| 6) ₦5.25k | 16) ₦6.35k |
| 7) ₦28.40k | 17) ₦22.18k |
| 8) ₦5.04k | 18) ₦14.20k |
| 9) ₦6.10k | 19) ₦12.26k |
| 10) ₦10.80k | 20) ₦8.02k |

EXERCISE 14

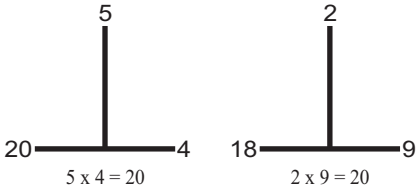


$$15 \div 5 = 3$$

$$10 \div 2 = 5$$

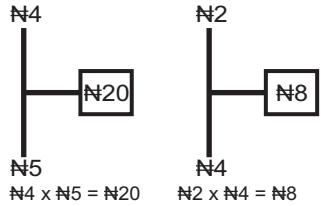
- | | |
|---------------------|-----------------------|
| 1) $8 \div 4 = 2$ | 11) $9 \div 3 = 3$ |
| 2) $6 \div 2 = 3$ | 12) $5 \times 4 = 20$ |
| 3) $24 \div 4 = 6$ | 13) $45 \div 5 = 9$ |
| 4) $30 \div 10 = 3$ | 14) $40 \div 10 = 4$ |
| 5) $10 \div 2 = 5$ | 15) $5 \times 7 = 35$ |
| 6) $27 \div 3 = 9$ | 16) $45 \div 9 = 5$ |
| 7) $35 \div 7 = 5$ | 17) $50 \div 5 = 10$ |
| 8) $35 \div 5 = 7$ | 18) $7 \times 3 = 21$ |
| 9) $15 \div 3 = 5$ | 19) $60 \div 12 = 5$ |
| 10) $18 \div 2 = 9$ | 20) $40 \div 8 = 5$ |

EXERCISE 15



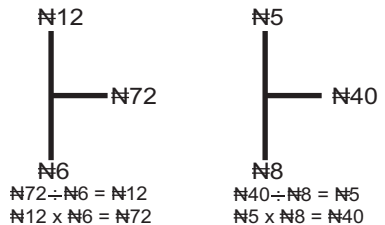
- | | |
|-----------------------|------------------------|
| 1) $5 \times 3 = 15$ | 18) $75 \div 5 = 15$ |
| 2) $6 \times 4 = 24$ | 19) $8 \times 12 = 96$ |
| 3) $3 \times 6 = 18$ | 20) $48 \div 8 = 6$ |
| 4) $6 \times 4 = 24$ | |
| 5) $40 \div 4 = 10$ | |
| 6) $21 \div 3 = 7$ | |
| 7) $30 \div 6 = 5$ | |
| 8) $40 \div 5 = 8$ | |
| 9) $30 \div 6 = 5$ | |
| 10) $25 \div 5 = 5$ | |
| 11) $40 \div 10 = 4$ | |
| 12) $35 \div 7 = 5$ | |
| 13) $7 \times 4 = 28$ | |
| 14) $60 \div 3 = 20$ | |
| 15) $15 \div 3 = 5$ | |
| 16) $6 \times 7 = 42$ | |
| 17) $27 \div 3 = 9$ | |

EXERCISE 16



- 1) $\text{N}5 \times \text{N}6 = \text{N}30$
- 2) $\text{N}4 \times \text{N}8 = \text{N}32$
- 3) $\text{N}10 \times \text{N}5 = \text{N}50$
- 4) $\text{N}8 \times \text{N}11 = \text{N}88$
- 5) $\text{N}7 \times \text{N}7 = \text{N}49$
- 6) $\text{N}21 \div \text{N}7 = \text{N}3$
- 7) $\text{N}18 \div \text{N}2 = \text{N}9$
- 8) $\text{N}12 \times \text{N}4 = \text{N}48$
- 9) $\text{N}33 \div \text{N}11 = \text{N}3$
- 10) $\text{N}40 \div \text{N}8 = \text{N}5$
- 11) $\text{N}30 \div \text{N}10 = \text{N}3$
- 12) $\text{N}56 \div \text{N}8 = \text{N}7$
- 13) $\text{N}7 \times \text{N}5 = \text{N}35$
- 14) $\text{N}90 \div \text{N}10 = \text{N}9$
- 15) $\text{N}60 \div \text{N}12 = \text{N}5$
- 16) $\text{N}6 \times \text{N}3 = \text{N}18$
- 17) $\text{N}12 \div \text{N}4 = \text{N}3$
- 18) $\text{N}42 \div \text{N}7 = \text{N}6$
- 19) $\text{N}6 \times \text{N}11 = \text{N}66$
- 20) $\text{N}32 \div \text{N}4 = \text{N}8$

EXERCISE 17

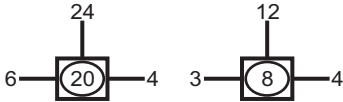


- 1) $\text{N}60 \div \text{N}5 = \text{N}12$
- 2) $\text{N}72 \div \text{N}9 = \text{N}8$
- 3) $\text{N}42 \div \text{N}2 = \text{N}21$
- 4) $\text{N}36 \div \text{N}6 = \text{N}6$
- 5) $\text{N}48 \div \text{N}6 = \text{N}8$
- 6) $\text{N}9 \times \text{N}7 = \text{N}63$
- 7) $\text{N}84 \div \text{N}12 = \text{N}7$
- 8) $\text{N}45 \div \text{N}15 = \text{N}3$

- 9) ~~6~~ x ~~11~~ = ~~66~~
- 10) ~~77~~ ÷ ~~7~~ = ~~11~~
- 11) ~~108~~ ÷ ~~12~~ = ~~9~~
- 12) ~~8~~ x ~~8~~ = ~~64~~
- 13) ~~63~~ ÷ ~~13~~ = ~~4.85~~
- 14) ~~13~~ x ~~5~~ = ~~65~~
- 15) ~~130~~ ÷ ~~13~~ = ~~10~~
- 16) ~~27~~ x ~~7~~ = ~~81~~
- 17) ~~15~~ ÷ ~~5~~ = ~~3~~
- 18) ~~21~~ ÷ ~~7~~ = ~~3~~
- 19) ~~6~~ x ~~4~~ = ~~24~~
- 20) ~~36~~ ÷ ~~9~~ = ~~4~~

- 15) 120 :
- 16) 60
- 17) 120 :
- 18) 80 :
- 19) 100
- 20) 140

EXERCISE 18



$$6 \times 4 = 24$$

$$24 - 4 = 20$$

$$3 \times 4 = 12$$

$$12 - 4 = 8$$

- | | |
|-----------------------|------------------------|
| 1) $30 - 6 = 24$ | 11) $36 - 4 = 32$ |
| 2) $15 + 5 = 20$ | 12) $45 \div 5 = 9$ |
| 3) $28 - 4 = 24$ | 13) $56 - 7 = 49$ |
| 4) $6 \times 6 = 36$ | 14) $50 - 5 = 45$ |
| 5) $12 \div 3 = 4$ | 15) $6 \times 3 = 18$ |
| 6) $21 - 7 = 14$ | 16) $35 - 5 = 30$ |
| 7) $10 \times 6 = 60$ | 17) $8 \times 10 = 80$ |
| 8) $55 \div 11 = 5$ | 18) $66 \div 6 = 11$ |
| 9) $40 \div 8 = 5$ | 19) $55 + 5 = 60$ |
| 10) $54 - 9 = 45$ | 20) $33 + 11 = 44$ |

EXERCISE 19



Interpretation:
 $4 \times 2 \times 5 = 40$

Interpretation:
 $3 \times 2 \times 4 = 24$

- | | |
|-------|--------|
| 1) 24 | 8) 24 |
| 2) 45 | 9) 50 |
| 3) 36 | 10) 30 |
| 4) 28 | 11) 64 |
| 5) 64 | 12) 88 |
| 6) 20 | 13) 60 |
| 7) 32 | 14) 42 |

EXERCISE 20



Interpretation:
 $24 \div 6 = 4$
 $24 \div 4 = 6$



Interpretation:
 $18 \div 3 = 6$
 $18 \div 6 = 3$

- 1) $35 \div 7 = 5$
- 2) $20 \div 4 = 5$
- 3) $40 \div 5 = 8$
- 4) $99 \div 11 = 9$
- 5) $72 \div 9 = 8$
- 6) $18 \div 3 = 6$
- 7) $12 \div 3 = 4$
- 8) $30 \div 6 = 5$
- 9) $80 \div 8 = 10$
- 10) $96 \div 12 = 8$

EXERCISE 21



Interpretation:
 $7 \times 5 = 35$



Interpretation:
 $3 \times 6 = 18$

- 1) $3 \times 8 = 24$
- 2) $11 \times 10 = 110$
- 3) $32 \div 8 = 4$
- 4) $7 \times 9 = 63$
- 5) $34 \div 2 = 17$
- 6) $100 \div 5 = 20$
- 7) $9 \times 4 = 36$
- 8) $160 \div 40 = 4$
- 9) $20 \times 10 = 200$
- 10) $15 \times 5 = 75$

EXERCISE 22

$$5 \textcircled{\Lambda} 3 = 8$$

Interpretation:
 $5 + 3 = 8$

- 1) $4 + 3 = 7$
- 2) $6 - 4 = 2$
- 3) $12 - 10 = 2$
- 4) $15 + 5 = 20$
- 5) $31 + 10 = 41$
- 6) $25 - 10 = 15$
- 7) $40 - 25 = 15$
- 8) $38 + 8 = 46$

$$9 \textcircled{\nabla} 4 = 5$$

Interpretation:
 $9 - 4 = 5$

- 9) $14 - 10 = 4$
- 10) $60 + 15 = 75$
- 11) $85 - 45 = 40$
- 12) $18 + 12 = 30$
- 13) $120 - 75 = 45$
- 14) $90 + 20 = 110$
- 15) $18 - 15 = 3$
- 16) $22 + 43 = 63$

EXERCISE 23

$$5 \textcircled{\Lambda} 10 \textcircled{\nabla} 12 = \boxed{3}$$

$$14 \textcircled{\nabla} 10 \textcircled{\Lambda} 2 = \boxed{6}$$

Interpretation:
 $5 + 10 - 12 = 3$
 $14 - 10 + 2 = 6$

- 1) $(10 + 12) - 5 = 17$
- 2) $(3 + 20) - 12 = 11$
- 3) $(15 - 5) + 10 = 20$
- 4) $(9 - 5) + 25 = 29$
- 5) $(25 - 15) + 6 = 16$
- 6) $(15 + 10) - 5 = 20$
- 7) $(21 + 5) - 4 = 21$
- 8) $(75 + 30) - 25 = 80$
- 9) $(40 - 35) + 15 = 20$
- 10) $(90 - 55) + 10 = 45$
- 11) $(105 - 100) + 12 = 17$
- 12) $(40 + 15) + 20 = 75$
- 13) $(110 + 50) - 120 = 40$
- 14) $(95 + 20) - 30 = 85$
- 15) $(70 - 25) - 44 = 1$
- 16) $(38 + 12) - 26 = 24$

EXERCISE 24

$$3) 2 = 6$$

$$4) 7 = 28$$

$$9) 3 = 3$$

$$24) 4 = 6$$

Interpretation:
 $3 \times 2 = 6$
 $4 \times 7 = 28$
 $9 \div 3 = 3$
 $24 \div 4 = 6$

$$1) 7 \times 3 = 21$$

$$2) 6 \times 4 = 24$$

$$3) 18 \div 3 = 6$$

$$4) 30 \div 5 = 6$$

$$5) 4 \times 4 = 16$$

$$6) 3 \times 5 = 15$$

$$7) 40 \div 8 = 5$$

$$8) 35 \div 7 = 5$$

$$9) 4 \times 5 = 20$$

$$10) 15 \div 3 = 5$$

$$11) 2 \times 5 = 10$$

$$12) 4 \times 10 = 40$$

$$13) 20 \div 4 = 5$$

$$14) 72 \div 9 = 8$$

$$15) 7 \times 4 = 28$$

$$16) 5 \times 8 = 40$$

$$17) 49 \div 7 = 7$$

$$18) 77 \div 11 = 7$$

$$19) 3 \times 11 = 33$$

$$20) 21 \div 7 = 3$$

EXERCISE 25

$$3) 4 (3 = \boxed{4})$$

$$(3 \times 4) \div 3 = 4$$

$$20) 5) 3 = \boxed{12}$$

$$(20 \div 5) \times 3 = 12$$

(= division sign

) = multiplication sign

$$1) (5 \times 3) \div 5 = 3$$

$$2) (6 \times 4) \div 4 = 6$$

$$3) (25 \div 5) \times 3 = 15$$

$$4) (50 \div 5) \times 4 = 40$$

$$5) (45 \div 9) \times 4 = 20$$

$$6) (36 \div 6) \times 2 = 12$$

$$7) (6 \times 2) \div 4 = 3$$

$$8) (5 \times 5) \div 5 = 5$$

$$9) (6 \div 2) \times 10 = 30$$

$$10) (7 \times 10) \div 7 = 10$$

$$11) (8 \times 6) \div 4 = 12$$

$$12) (y \times 8) \div 5 = 16$$

$$8y = 80$$

$$Y = 10$$

$$13) (y \times 3) \div 2 = 15$$

$$3y = 30$$

$$Y = 10$$

$$14) (5 \times 6) \div y = 5$$

$$5y = 30$$

$$Y = 6$$

$$15) (40 \div 5) \times y = 24$$

$$8y = 24$$

$$Y = 3$$

$$16) (15 \div 3) \times y = 35$$

$$5y = 35$$

$$Y = 7$$

$$17) (10 \div y) \times 5 = 10$$

$$2y = 10$$

$$Y = 5$$

$$18) (y \div 3) \times 4 = 24$$

$$Y / 3 = 6$$

$$y = 6 \times 3$$

$$y = 18$$

$$19) (12 \div 4) \div 3 = 1$$

$$20) (y \div 5) \div 4 = 4$$

$$y / 5 = 16$$

$$y = 16 \times 5$$

$$y = 80$$

$$4) 6, 15, 18, 20, 25, \quad 15, 14, 5$$

$$5) 15, 14, 5, \quad 8, 21, 14, 4, 18, 54$$

$$6) 5, 9, 7, 8, 20, 25$$

$$7) 6, 15, 21, 18$$

$$8) 15, 14, 5$$

$$9) 14, 9, 14, 5, 20, 5, 5, 14$$

$$10) 6, 9, 22, 5$$

$$11) 20, 23, 5, 14, 20, 25, \quad 18, 9, 24$$

$$12) 20, 8, 15, 21, 19, 1, 14, 1$$

$$13) 6, 9, 6, 20, 25$$

$$14) 20, 8, 9, 18, 20, 5, 5, 14$$

$$15) 20, 8, 18, 5, 5$$

$$16) 19, 9, 24, \quad 20, 8, 15, 21, 19, 1, 14$$

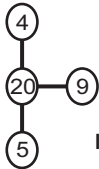
$$17) 19, 5, 22, 5, 14$$

$$18) 5, 9, 7, 8, 20, 5, 5, 14$$

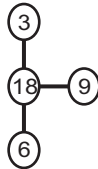
$$19) 19, 9, 24$$

$$20) 14, 9, 14, 5, 20, 25$$

EXERCISE 26



Interpretation:



$$5 \times 4 = 20$$

$$5 + 4 = 9$$

$$20 \div 5 = 4$$

$$20 \div 4 = 5$$

$$6 \times 3 = 18$$

$$6 + 3 = 9$$

$$18 \div 6 = 3$$

$$18 \div 3 = 6$$

$$1) 5 + 2 = 7$$

$$2) 30 \div 5 = 6$$

$$3) 12 \div 4 = 3$$

$$4) 3 \times 7 = 21$$

$$5) 4 + 10 = 14$$

$$6) 35 \div 5 = 7 + 5 = 12$$

$$7) 9 - 5 = 4$$

$$8) 6 \times 4 = 24$$

$$9) 7 + 4 = 11$$

$$10) 45 \div 9 = 5$$

$$11) 27 \div 3 = 9$$

$$12) 6 \times 8 = 48$$

$$13) 19 + 5 = 15$$

$$14) 18 - 11 = 7$$

$$15) 8 \div 2 = 4$$

$$16) 7 \times 7 = 49$$

$$17) 12 + 9 = 21$$

$$18) 58 \div 7 = 8$$

EXERCISE 27

t	w	e	l	v	e
20	23	5	12	22	5

s	e	v	e	n
19	5	22	5	14

$$1) 20, 8, 9, 18, 20, 25$$

$$2) 19, 9, 24, 20, 5, 5, 14$$

$$3) 20, 8, 9, 20, 25, \quad 20, 23, 15$$

EXERCISE 28

v t r s l o w n d x

1 2 3 4 5 6 7 8 9 10

l u g y h e f

11 12 13 14 15 16 17

$$1) 2, 7, 16, 11, 1, 16$$

$$2) 4, 16, 1, 16, 8, 2, 14$$

$$3) 2, 7, 16, 8, 2, 14, \quad 2, 7, 6$$

$$4) 2, 15, 3, 16, 16$$

$$5) 2, 16, 8$$

$$6) 17, 6, 3, 2, 14$$

$$7) 2, 7, 6$$

$$8) 15, 12, 8, 9, 3, 16, 8$$

$$9) 16, 5, 13, 2, 14$$

$$10) 8, 1, 8, 16$$

$$11) 16, 11, 16, 1, 16, 8$$

$$12) 4, 16, 1, 16, 2, 16, 16, 8$$

$$13) 8, 5, 8, 16, 2, 16, 16, 8$$

$$14) 17, 5, 1, 16$$

$$15) 17, 5, 17, 2, 14, \quad 2, 7, 6$$

$$16) 8, 5, 8, 16, 2, 14$$

$$17) 17, 6, 12, 3$$

$$18) 2, 15, 5, 3, 2, 14$$

$$19) 4, 5, 10$$

$$20) 2, 15, 3, 16, 16$$

EXERCISE 29

s	c	h	o	o	l
19	3	8	15	15	12

b	e	a	u	t	i	f	u	l
2	5	1	21	20	9	6	21	12

- 1) 7,15,15,4
- 2) 20,5,1,3,8,5,18
- 3) 23,9,14,4,5,18,19
- 4) 4,9,1,18,25
- 5) 1,13,2,1,19,19,1,4,15,18
- 6) 1,19,15,18,15,3,11
- 7) 8,5,9,7,8,20
- 8) 2,15,15,11
- 9) 6,1,22,15,21,18
- 10) 5,15,7,12,1,14,4
- 11) 15,16,5,14, 8,5,1,22,5,14
- 12) Universities
- 13) 5,9,7,8,20,25, 6,9,22,5
- 14) 11,5,25
- 15) Science
- 16) 13,1,20,8,5,13,1,20,9,3,19
- 17) Straw
- 18) Fanta
- 19) Thanks
- 20) 5,14,4

EXERCISE 30

n	v	u	d	w	x	o	l	
1	2	4	5	6	7	8	9	
r	e	s	t	g	l	h	y	f
10	11	12	13	14	15	16	17	18

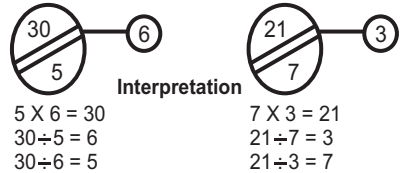
- | | |
|----------------|------------|
| 1) Six | 1) Sixty |
| 2) Thirty | 2) Fifty |
| 3) Hundred | 3) Four |
| 4) Vote | 4) Twenty |
| 5) Love | 5) Ninety |
| 6) Eleven | 6) Twenty |
| 7) Fifty two | 7) Fifteen |
| 8) Eighty five | 8) Tootw |
| 9) Eight | 9) Eighty |
| 10) Seventy | 10) Seven |

EXERCISE 31

P	T	U	O	S	G	N	R	E	M	L	D
1	2	3	4	5	6	7	8	9	10	11	12
A	K	Y	B	W	I	J	H	Q	F	C	V
13	14	15	16	17	18	19	20	21	22	23	24

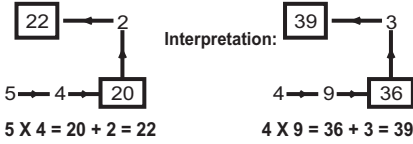
- 1) 3,4,10,22,4,8,2
- 2) 10,4,3,7,2,13,18, 7, 4,22, 22,18,8,9
- 3) 5,2,8,4,7,6, 10,13,7
- 4) 22,13,10,18,11,15
- 5) 4,8,13,7,9 ,19,3,18,23,9
- 6) 19,4,3,8,7,9,15
- 7) 16,11,13,23,14, 16,4,13,8,12
- 8) 13,18,8, 22,4,8,23,9
- 9) 10,18,12,7,18,6,20,2, 16,9,2,2,11,9
- 10) 2,18,10,2, 13,16,11,9

EXERCISE 32



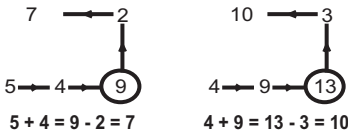
- | | |
|--------------------------|----------------------|
| 1) $63 \div 9 = 7$ | 19) $66 \div 6 = 11$ |
| 2) $36 \div 12 = 3$ | 20) $96 \div 12 = 8$ |
| 3) $3 \times 15 = 45$ | |
| 4) $40 \div 5 = 8$ | |
| 5) $4 \times 40 = 160$ | |
| 6) $15 \times 5 = 75$ | |
| 7) $80 \div 10 = 8$ | |
| 8) $72 \div 9 = 8$ | |
| 9) $81 \div 9 = 9$ | |
| 10) $5 \times 3 = 15$ | |
| 11) $120 \div 20 = 6$ | |
| 12) $15 \times 10 = 150$ | |
| 13) $32 \div 4 = 8$ | |
| 14) $27 \div 3 = 9$ | |
| 15) $35 \div 5 = 7$ | |
| 16) $49 \div 7 = 7$ | |
| 17) $105 \div 21 = 5$ | |
| 18) $10 \times 3 = 30$ | |

EXERCISE 33



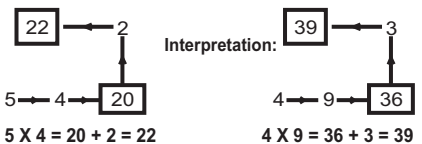
- 1) $15 + 10 = 25$
- 2) $28 - 16 = 12$
- 3) $4 \times 6 = 24$
- 4) $44 \div 11 = 4$
- 5) $21 \div 7 = 3$
- 6) $32 + 5 = 37$
- 7) $162 - 150 = 12$
- 8) $80 - 8 = 72$
- 9) $66 \div 11 = 6$
- 10) $54 \div 6 = 9$

EXERCISE 34



- 1) $19 - 5 = 14$
- 2) $14 - 9 = 5$
- 3) $3 + 25 = 28$
- 4) $55 - 15 = 40$
- 5) $42 - 17 = 25$
- 6) $20 - 8 = 12$
- 7) $30 - 15 = 15$
- 8) $25 + 10 = 35$
- 9) $62 - 40 = 22$
- 10) $35 - 13 = 22$

EXERCISE 35



- 1) $18 \div 3 = 6$
- 2) $24 \div 12 = 2$
- 3) $12 \times 3 = 36$
- 4) $44 \div 11 = 4$

- 5) $54 \div 6 = 9$
- 6) $21 \div 7 = 3$
- 7) $150 \div 15 = 10$
- 8) $32 \div 8 = 4$
- 9) $9 \times 8 = 72$
- 10) $63 \div 3 = 21$

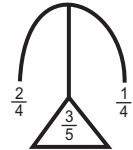
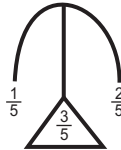
EXERCISE 36



$\frac{5}{12}$

- 1) $\frac{3}{10}$
- 2) $\frac{2}{5}$
- 3) $\frac{1}{4}$
- 4) $\frac{3}{8}$
- 5) $\frac{1}{4}$
- 6) $\frac{1}{8}$
- 7) $\frac{1}{6}$
- 8) $\frac{3}{8}$
- 9) $\frac{5}{15}$
- 10) $\frac{3}{6}$

EXERCISE 37

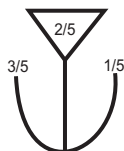


$$\frac{1}{5} + \frac{2}{5} = \frac{3}{5}$$

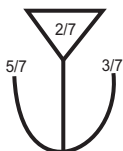
$$\frac{2}{4} + \frac{1}{4} = \frac{3}{4}$$

- 1) $\frac{2}{3}$
- 2) $\frac{3}{3}$
- 3) $\frac{3}{5}$
- 4) $\frac{4}{5}$
- 5) $\frac{5}{7}$
- 6) $\frac{7}{8}$
- 7) $\frac{8}{8}$
- 8) $\frac{5}{6}$
- 9) $\frac{8}{12}$
- 10) $\frac{7}{10}$
- 11) $\frac{6}{6}$
- 12) $\frac{11}{12}$
- 13) $\frac{4}{4}$
- 14) $\frac{5}{7}$
- 15) $\frac{6}{9}$
- 16) $\frac{9}{11}$
- 17) $\frac{4}{8}$
- 18) $\frac{7}{7}$
- 19) $\frac{2}{9}$
- 20) $\frac{2}{5}$

EXERCISE 38



$$3/5 - 1/5 = 2/5$$

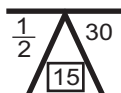


$$5/7 - 3/7 = 2/7$$

- 1) $2/10$
- 2) $2/8$
- 3) $1/5$
- 4) $2/11$
- 5) $2/12$

- 6) $3/12$
- 7) $2/7$
- 8) $3/9$
- 9) $7/15$
- 10) $2/4$

EXERCISE 39



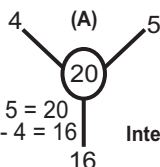
Interpretation:

$$\frac{1}{2} \times 30 = 15$$

$$\frac{2}{3} \times 15 = 2 \times 5 = 10$$

- 1) $\frac{1}{2} \times 20 = 4$
- 2) $\frac{1}{3} \times 60 = 20$
- 3) $\frac{3}{4} \times 20 = \frac{3 \times 20}{4} = 15$
- 4) $\frac{3}{5} \times 50 = \frac{3 \times 50}{5} = 30$
- 5) $\frac{2}{7} \times 49 = \frac{2 \times 49}{7} = 14$
- 6) $\frac{1}{8} \times 32 = \frac{32}{8} = 4$
- 7) $\frac{5}{11} \times 55 = \frac{5 \times 55}{11} = 25$
- 8) $\frac{2}{10} \times 100 = \frac{2 \times 100}{10} = 20$
- 9) $\frac{5}{12} \times 48 = \frac{5 \times 48}{12} = 20$
- 10) $\frac{3}{4} \times 36 = \frac{3 \times 36}{4} = 27$

EXERCISE 40

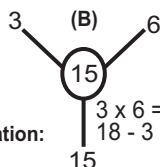


$$4 \times 5 = 20$$

$$20 - 4 = 16$$

16

Interpretation:



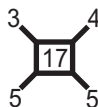
$$3 \times 6 = 20$$

$$18 - 3 = 15$$

15

- | | |
|----------------------|-----------------------|
| 1) $14 - 2 = 12$ | 6) $6 \times 3 = 18$ |
| 2) $8 \times 3 = 24$ | 7) $66 - 11 = 55$ |
| 3) $25 - 5 = 20$ | 8) $15 \div 5 = 3$ |
| 4) $44 \div 11 = 4$ | 9) $9 \times 10 = 90$ |
| 5) $30 \div 6 = 5$ | 10) $45 \div 9 = 5$ |

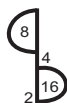
EXERCISE 41



Interpretation:
 $3 + 4 + 5 + 5 = 17$

- 1) $22 - (3 + 6 + 5) = 8$
- 2) $5 + 4 + 3 + 7 = 19$
- 3) $22 - (5 + 4 + 7) = 6$
- 4) $31 - (4 + 6 + 9) = 12$
- 5) $45 - (6 + 12 + 15) = 12$
- 6) $62 - (28 + 7 + 12) = 15$
- 7) $90 - (14 + 26 + 32) = 18$
- 8) $18 + 16 + 14 + 35 = 83$
- 9) $32 + 16 + 20 + 5 = 73$
- 10) $72 - (25 + 15 + 10) = 22$

EXERCISE 42

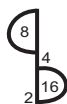


Interpretation:

$$4 \times 2 = 8 + 8 = 16$$

- | | |
|----------------------|------------------------|
| 1) $3 \times 7 = 21$ | 6) $9 \div 3 = 3$ |
| 2) $3 \times 3 = 9$ | 7) $3 \times 9 = 27$ |
| 3) $15 \div 15 = 1$ | 8) $7 \times 3 = 21$ |
| 4) $12 \div 1 = 12$ | 9) $100 \div 10 = 10$ |
| 5) $48 \div 2 = 24$ | 10) $2 \times 15 = 30$ |

EXERCISE 43

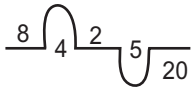


Interpretation:

$$4 \times 2 = 8 + 8 = 16$$

- | | |
|------------------------|------------------------|
| 11) $3 \times 5 = 15$ | 19) $7 \times 10 = 70$ |
| 12) $18 \div 9 = 2$ | 20) $60 + 60 = 120$ |
| 13) $12 \times 2 = 24$ | |
| 14) $2 \times 11 = 22$ | |
| 15) $2 \times 1 = 2$ | |
| 16) $2 \times 2 = 4$ | |
| 17) $8 \times 3 = 32$ | |
| 18) $15 \div 5 = 3$ | |

EXERCISE 44



Interpretation:
 $8 \div 2 = 4$ $4 \times 5 = 20$

- 1) $25 \div 5 = 5$
- 2) $5/2 + 2/3 = 5/3 = 1 \frac{2}{3}$
- 3) $304 \div 2 = 152$
 $456 \div 152 = 3$
- 4) $16 \times 4 = 64$
 $192 \div 16 = 12$
- 5) $3 \div \frac{1}{2} = 6$
- 6) $10 \times 29 = 290$
- 7) $27 \times 2 = 54$
- 8) $36 \div 18 = 2$
 $180 \div 18 = 10$
- 9) $66 \div 11 = 6$
- 10) $6 \times 5 = 30$

EXERCISE 45



Interpretation:
 $(3 \times 4) + 5 = 17$
 $17 - (3 \times 4) = 5$

- 1) $23 - (6 \times 3) = 5$
- 2) $(4 \times 9) + 10 = 46$
- 3) $(25 - 10) \div 3 = 5$
- 4) $(58 - 9) \div 7 = 7$
- 5) $(30 - 12) \div 6 = 3$
- 6) $(5 \times 12) + 18 = 78$
- 7) $(55 - 15) \div 4 = 10$
- 8) $70 - (3 \times 15) = 25$
- 9) $88 - (8 \times 9) = 16$
- 10) $(9 \times 11) + 30 = 129$

EXERCISE 46



Interpretation:
 $3 \times 5 \times 2 = 30$

- 1) $3 \times 2 \times 4 = 24$
- 2) $90 \div (6 \times 3) = 5$
- 3) $110 \div (2 \times 11) = 5$
- 4) $60 \div (4 \times 3) = 5$
- 5) $140 \div (5 \times 7) = 4$

- 6) $3 \times 7 \times 3 = 63$
- 7) $180 \div (5 \times 6) = 6$
- 8) $180 \div (4 \times 16) = 2 \frac{13}{16}$
- 9) $315 \div (7 \times 9) = 5$
- 10) $6 \times 3 \times 10 = 180$

Revision 1

- | | |
|-------------|-----------|
| 1) 10, 20 | 7) 33 |
| 2) 15, 25 | 8) 26 |
| 3) 45, 50 | 9) $2/3$ |
| 4) 50, 60 | 10) 15 |
| 5) 85, 90 | 11) $1/7$ |
| 6) 105, 115 | 12) $2/5$ |

Revision 3

- | | |
|-------------------|--------|
| Revision 2 | 1) 105 |
| 1) 78 | 2) 4 |
| 2) 20 | 3) 7 |
| 3) 30 | 4) 150 |
| 4) 20 | 5) 5 |
| 5) 28 | 6) 7 |
| 6) 133 | |

Revision 4

- | | |
|-------------|-------|
| 1) N 11.50k | 8) 45 |
| 2) N 30.30k | |
| 3) N 40.15k | |
| 4) N 38.60k | |
| 5) 15 | |
| 6) 7 | |
| 7) 60 | |

Revision 5

- | | |
|-------|--------|
| 1) 40 | 6) 44 |
| 2) 40 | 7) 105 |
| 3) 6 | 8) 90 |
| 4) 12 | 9) 162 |
| 5) 70 | 10) 60 |

FOOD FOR THOUGHT

On Saturday 7th June, 2008, in a public hospital of Itaguai, Rio de Janeiro, Brazil, a girl was born with hands joined together, like one who's praying.

The doctors told the parents that they would operate the hands of the girl, and that they would give her antistatic. The operation was easy because it seemed like the hands were simply glued together by one membrane (skin) layer apart.

When they opened up the hand of the child, you can't imagine what was written...

'JESUS IS COMING BACK...'

The doctors started weeping and all that were in the hospital.

The suburb of Itaguai is undergoing a movement now, people that have withdrawn from churches are going back and others are receiving Jesus Christ as the only saviour.

Revision 6

- 1) 12
- 2) 15
- 3) 7
- 4) 5
- 5) 80
- 6) 10
- 7) 11
- 8) 60
- 9) 13
- 10) 12

Revision 7

- 1) 3
- 2) 72
- 3) 37
- 4) 6
- 5) $\frac{2}{11}$
- 6) $\frac{11}{5}$
- 7) $\frac{3}{5}$
- 8) $\frac{2}{7}$

God sent that child simply to convey that message.

After a few hours, she died:
JESUS IS COMING BACK. Are you ready?

**JESUS IS COMING
SOON.**

Do you belong to any bible living church? If no, look for one in your locality. Delay is dangerous.