

Second Term Test — Practice Paper

Primary 4 Mathematics

Name: _____

Class: _____ No.: _____

Time allowed: **45 minutes**

Date: _____

No. of pages: **5**

Section A: 16%

1. $3600 \times 30 = ?$

1. _____

2. $84 \div 7 + 25 \times 4 = ?$

2. _____

3. $7/9 - 4/9 = ?$

3. _____

4. $5.7 + 8.46 - 3.2 = ?$

4. _____

5. $15 \times (48 - 29) = ?$

5. _____

6. $2/7 + 4/7 = ?$

6. _____

7. $6.07 \times 10 = ?$

7. _____

8. $720 \div 40 = ?$

8. _____

Section B: 20%

1. In 8 074 326, what is the place value of the digit 7?

1. _____

2. List all the factors of 60.

2. _____

3. Find the H.C.F. of 24 and 36.

3. _____

4. Change $5/8$ into a decimal.

4. _____

5. Change 0.45 into a fraction in its simplest form.

5. _____

6. The side of a square is 11 cm. Find its perimeter.

6. _____

7. A rectangle is 15 cm by 6 cm. Find its area.

7. _____

8. How many lines of symmetry does a rectangle have?

8. _____

9. Write 8:05 p.m. in the 24-hour time system.

9. _____

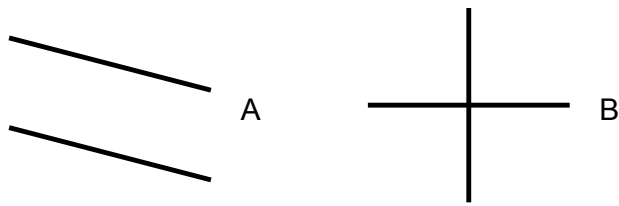
10. $3.5 \text{ L} = ? \text{ mL}$

10. _____

Section C: 30%

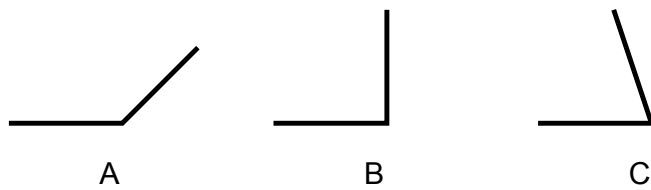
1 Which pair of lines is perpendicular? Write the letter. (3%)

1 _____



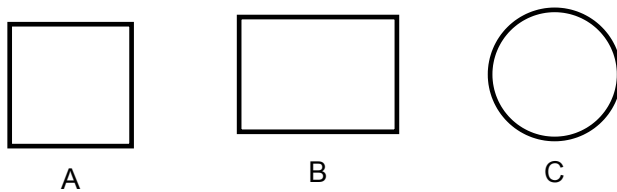
2 Which angle is an acute angle? Write the letter. (3%)

2 _____



3 Which shape has 4 lines of symmetry? Write the letter. (3%)

3 _____



4 What fraction of the figure is shaded? (3%)

4 _____



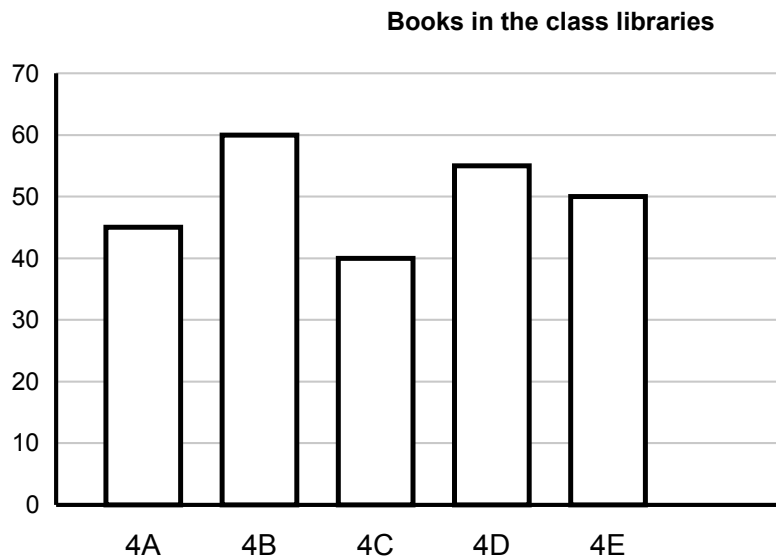
5 A rectangle is 16 cm long and 9 cm wide. Find its area. (3%)

5 _____

- | | | | |
|---|---|---|-------|
| 6 | The perimeter of a square is 48 cm. Find the length of one side. (3%) | 6 | _____ |
| 7 | Arrange 5.4, 5.04 and 5.44 from the largest to the smallest. (4%) | 7 | _____ |
| 8 | 156 apples are packed into boxes of 12. How many boxes are needed? (4%) | 8 | _____ |
| 9 | How many minutes are there from 10:35 to 12:10? (4%) | 9 | _____ |

Section D: 10%

Study the bar chart and answer the questions.



- | | | | |
|----|--|----|-------|
| 1. | Which class has the most books? | 1. | _____ |
| 2. | How many more books does 4B have than 4C? | 2. | _____ |
| 3. | How many books are there altogether? | 3. | _____ |
| 4. | What is the average number of books per class? | 4. | _____ |
| 5. | How many fewer books does 4C have than 4A? | 5. | _____ |

Section E: 24% (Show all working steps)

1. A book has 216 pages. Mary reads 18 pages a day. How many days does she need? (4%)

2. A school has 1 080 pupils in 27 classes. Find the average number of pupils in each class. (4%)

3. A bottle contains 2.4 L of water. 0.9 L is drunk. How many mL are left? (4%)

4. A rectangular garden is 24 m long and 15 m wide. How many metres of fence are needed to go round it? (4%)

5. A poster is 80 cm long and 55 cm wide. Find its area. (4%)

6. A shirt costs \$168. Mr Chan buys 3 shirts and pays with \$600. How much change does he get? (4%)

End of Paper

Second Term Answer Key — Teacher's Copy

Primary 4 Mathematics

Name: _____

Time allowed: **45 minutes**

Class: _____ No.: _____

Date: _____

No. of pages: **5**

Section A (16%)

Q	Answer	Working
1	108 000	$36 \times 3 = 108$, then add three zeros
2	112	$12 + 100$
3	$\frac{1}{3}$	$\frac{3}{9} = \frac{1}{3}$
4	10.96	$14.16 - 3.2$
5	285	15×19
6	$\frac{6}{7}$	same denominator
7	60.7	move the decimal point one place right
8	18	$72 \div 4$

Section B (20%)

Q	Answer	Note
1	ten thousands	8 millions, 0 hundred-thousands, 7 ten-thousands
2	1, 2, 3, 4, 5, 6, 10, 12, 15, 20, 30, 60	find the factor pairs
3	12	$24 = 2^3 \times 3$, $36 = 2^2 \times 3^2$
4	0.625	$5 \div 8$
5	$\frac{9}{20}$	$\frac{45}{100} = \frac{9}{20}$
6	44 cm	11×4
7	90 cm^2	15×6
8	2	two mid-lines
9	20:05	add 12 hours
10	3500 mL	$1 \text{ L} = 1000 \text{ mL}$

Section C (30%)

Q	Answer	Note
1	B	perpendicular means meeting at 90 degrees
2	C	an acute angle is less than 90 degrees
3	A (square)	a square has 4
4	3/8	3 out of 8 squares
5	144 cm²	16×9
6	12 cm	$48 \div 4$
7	5.44, 5.4, 5.04	compare the tenths
8	13 boxes	$156 \div 12$
9	95 minutes	1 hour 35 minutes

Section D (10%)

Q	Answer	Note
1	4B	the highest
2	20	$60 - 40$
3	250	$45+60+40+55+50$
4	50	$250 \div 5$
5	5	$45 - 40$

Section E (24%)

Q	Answer	Working
1	12 days	$216 \div 18$
2	40	$1080 \div 27$
3	1500 mL	$1.5 \text{ L} = 1500 \text{ mL}$
4	78 m	$(24 + 15) \times 2$
5	4400 cm²	80×55
6	\$96	$168 \times 3 = 504$; $600 - 504$