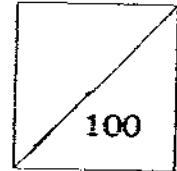




HENRY PARK PRIMARY SCHOOL
2008 SEMESTRAL EXAMINATION 2
MATHEMATICS
PRIMARY 3



Name: _____ ()

Parent's Signature _____

Class: Pr 3 _____

Duration of Paper: 1 h 30 min

Section A: (20 x 2 marks = 40 marks)

Choose the correct answer and write its number in the brackets provided.
You are required to shade the OAS at the end of the examination.

1. In 6 879, the digit _____ is in the hundreds place.

- (1) 6
- (2) 7
- (3) 8
- (4) 9

()

2. Find the quotient when 749 is divided by 7.

- (1) 16
- (2) 17
- (3) 106
- (4) 107

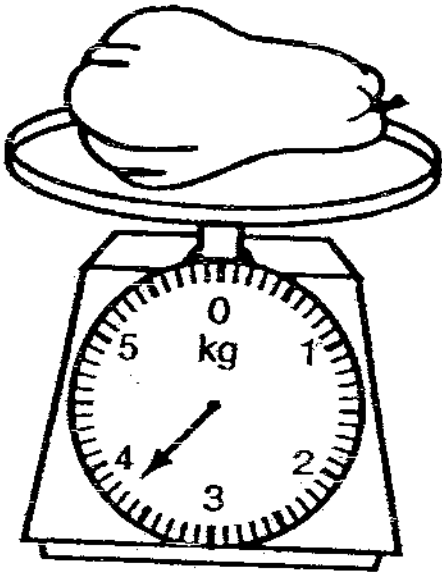
()

3. 6 km 85 m is the same as _____

- (1) 685 m
- (2) 6 085 m
- (3) 6 805 m
- (4) 6 850 m

()

4.

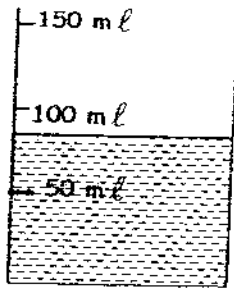


What is the mass of the papaya as shown in the figure above?

- (1) 3 kg 600 g
- (2) 3 kg 700 g
- (3) 4 kg 300 g
- (4) 4 kg 700 g

()

5. 4 children estimated the volume of the water in the container shown below.



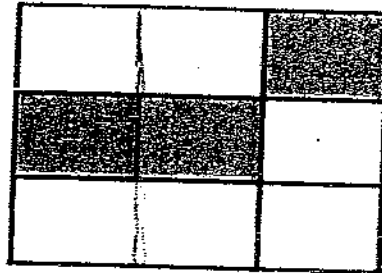
Who gave the best estimate?

	<u>Name of child</u>	<u>Estimate</u>
(1)	Alice	50 ml
(2)	Benny	60 ml
(3)	Cathy	80 ml
(4)	David	110 ml

()

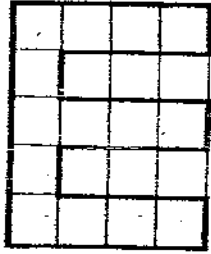
6. What fraction of ^{the} figure below is shaded? Give your answer in its simplest form.

- (1) $\frac{1}{2}$
 (2) $\frac{1}{3}$
 (3) $\frac{3}{4}$
 (4) $\frac{3}{7}$

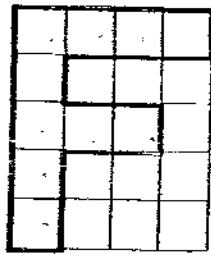


()

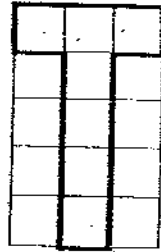
7. Refer to the ~~letters~~ letters below.
If each is 1 square unit, which letter has the greatest area?



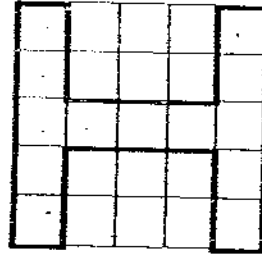
(1)



(2)



(3)



(4)

()

8. The sum of 2 646 and 2 354 is the same as _____ hundreds.

- (1) 5
- (2) 50
- (3) 500
- (4) 5 000

()

9. 10 tens more than 7 485 is _____

- (1) 7 385
- (2) 7 475
- (3) 7 495
- (4) 7 585

()

2

10. Look at the place value table below.
What is the value shown in the table?

Thousands	Hundreds	Tens	Ones
★	★ ★	★ ★	★
★	★ ★	★ ★	★
		★ ★	★
		★ ★	

- (1) 2 403
(2) 2 413
(3) 2 503
(4) 2 513

()


11. $144 \div 2 = \square \times 6$

What is the missing value in the box?

- (1) 12
(2) 72
(3) 342
(4) 432

()

12. Look at the receipt below. There was a smudge on the receipt.

Supermarket Receipt	
Detergent	\$8.65
Saucepan	
Fruits	\$ 15.05
Total	\$60.20

What is the cost of the saucepan?

- (1) \$36.50
- (2) \$43.50
- (3) \$45.15
- (4) \$51.55

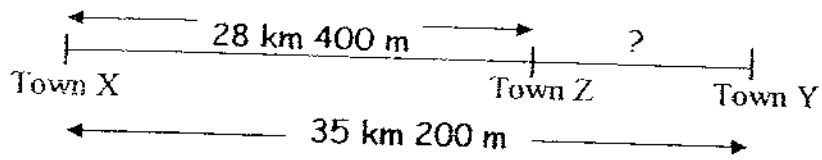
()

13. Diana finished her 20-minute swim at 9.55 am. At what time did she start her swim?

- (1) 9.20 am
- (2) 9.35 am
- (3) 10.05 am
- (4) 10.15 am

()

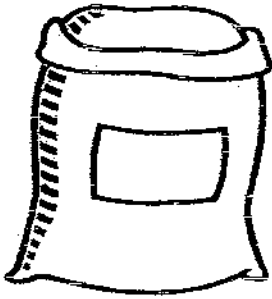
14. What is the distance between Town Y and Town Z as shown in the figure below?



- (1) 6 km 600 m
- (2) 6 km 800 m
- (3) 7 km 600 m
- (4) 7 km 800 m

()

15. In the figure below, the sack of rice is 5 kg 320g heavier than the sack of flour. What is the mass of the sack of rice?



Rice



Flour

- (1) 3 040 g
- (2) 3 140 g
- (3) 7 500 g
- (4) 7 600 g

()

16. $\frac{1}{4} + \boxed{?} = \frac{3}{8}$. What is the missing value in the box?

(1) $\frac{1}{8}$

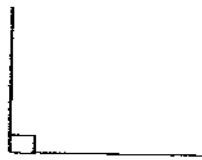
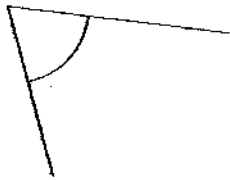
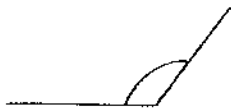
(2) $\frac{1}{4}$

(3) $\frac{1}{2}$

(4) $\frac{5}{8}$

()

17. How many of the given angles below are smaller than a right angle?



(1) 1

(2) 2

(3) 3

(4) 4

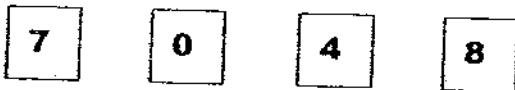
()

18. The length of a rectangle is 18 cm. The length is twice as long as its breadth. What is the perimeter of the rectangle?

- (1) 27 cm
- (2) 36 cm
- (3) 54 cm
- (4) 108 cm

()

19.

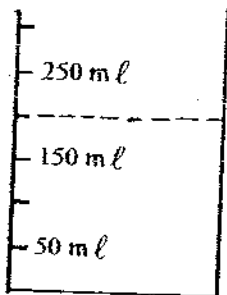


Subtract 200 from the smallest 4-digit number formed from the digits above. What will the answer be?

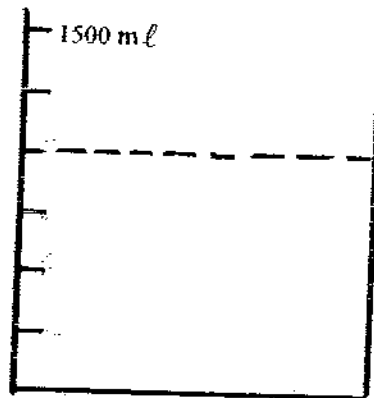
- (1) 3 878
- (2) 3 887
- (3) 4 078
- (4) 6 848

()

20. What is the total volume of water in Container X and Container Y?



Container X



Container Y

- (1) 1 050 ml
- (2) 1 100 ml
- (3) 1 200 ml
- (4) 1 400 ml

()

Section B: Open-Ended (20 × 2 marks = 40 marks)

Read the following questions carefully and write your answers in the boxes provided. Show all your workings clearly.

21. $8 + 8 + 8 + 8 + 8 + 8 = \boxed{} \times 8.$

What is the missing value in the box?

22. Mary paid for a bag which cost \$75.35 with a \$100 note. How much change should she get?

23. Express 7 kg 6 g in grams.

24. $\frac{1}{3} = \frac{4}{A} = \frac{B}{15}$

Study the relationships between the fractions given.

What are the values of A and B?

A =

B =

25. The figure below is made of straight lines.
Name a pair of parallel lines.

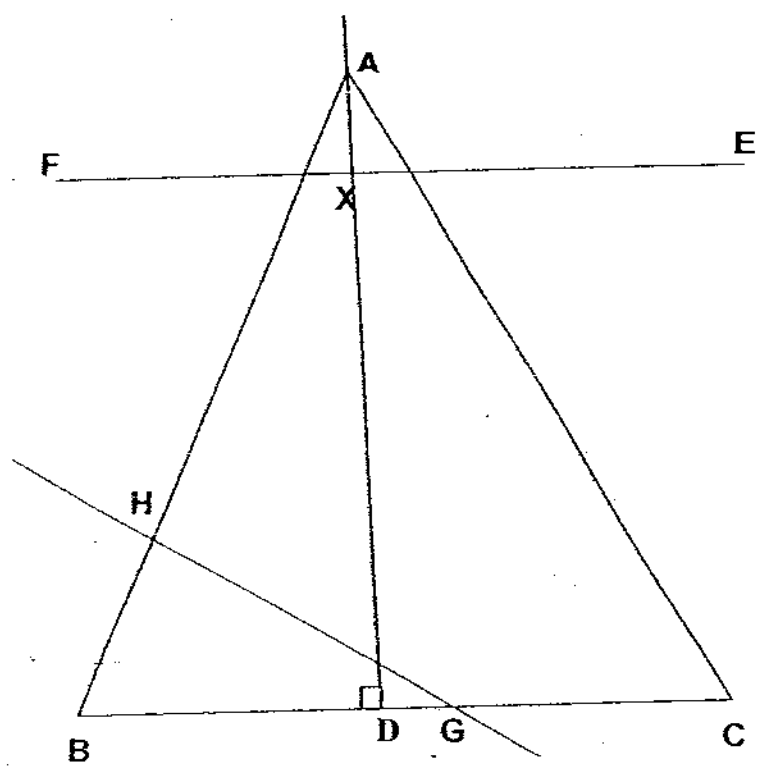


Figure 2

//

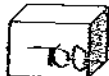
26. The difference between 24 tens and 33 ones is _____

27. Study the following addition sentences carefully.

$$\text{Sun} + \text{Cube} + \text{Circle} = 3800$$

$$\text{Cube} + \text{Circle} = 2550$$

$$\text{Cube} + \text{Cube} = 1400$$

What is the sum of Sun and  ?

28. Lisa has twice as much money as Tina. After giving Tina some money, Lisa has as much money as Tina. If they had a total of \$162, how much money did Lisa give Tina?

\$

29. $4 \text{ h } 35 \text{ min} + 5 \text{ h } 55 \text{ min} = \underline{\quad} \text{ h } \underline{\quad} \text{ min}$

h min

30. The length of a piece of red cloth is 5 m 8 cm. A piece of blue cloth is 80 cm shorter than the piece ^{of} red cloth. What is the length of the piece ^{of} blue cloth?

cm

31. Kettle A has 2 500 ml of syrup.
Kettle B has 2 000 ml of syrup.
Sue pours the syrup in both kettles into 5 similar bottles.
What is the capacity of 1 such bottle?



Kettle A



Kettle B

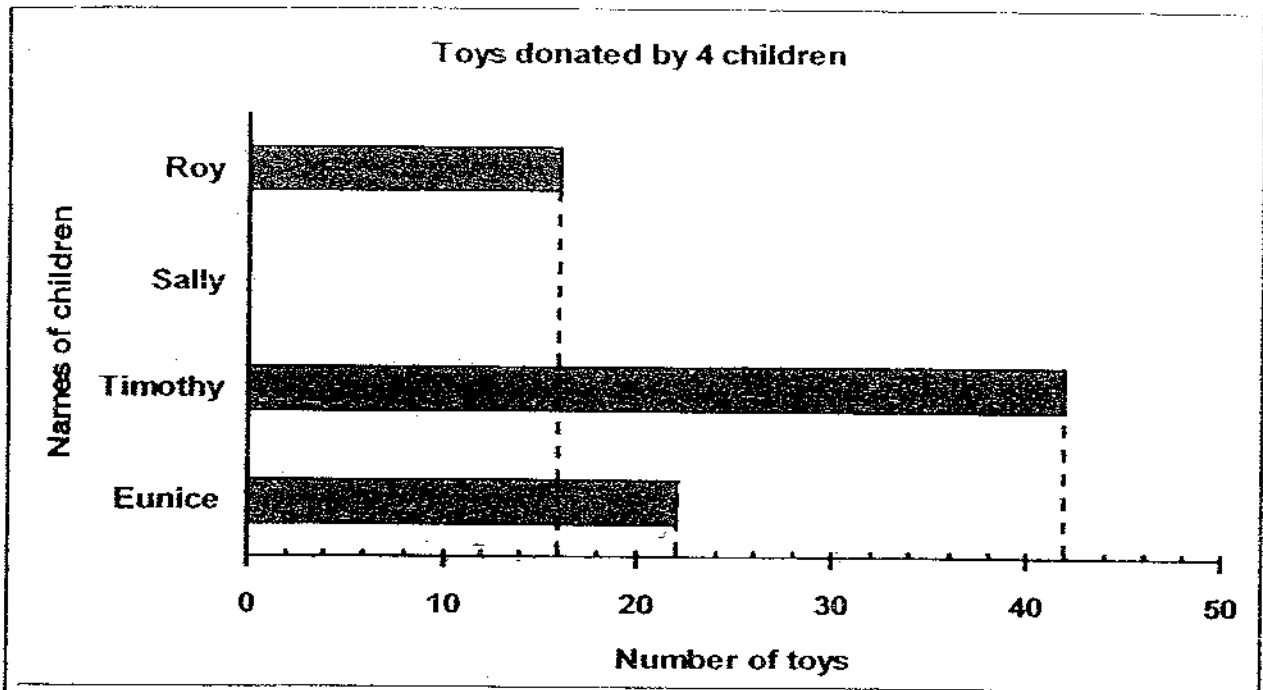


ml

32. Mother bought a pizza for Greg and Wendy.
Greg ate $\frac{3}{4}$ of the pizza while Wendy ate $\frac{1}{12}$ of it. What fraction of the pizza was left? Write your answer in its simplest form.



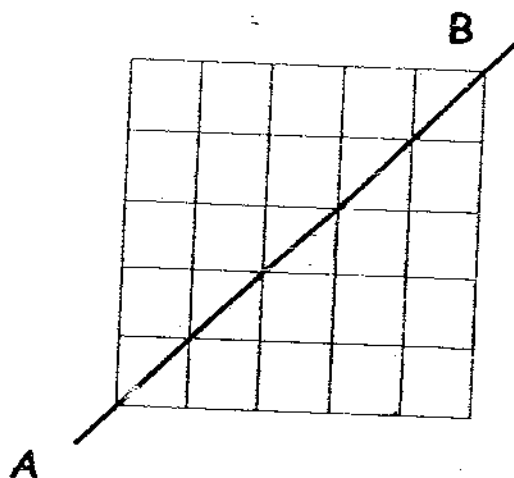
The following bar graph shows the number of toys donated by 4 children. Study the graph carefully to answer questions 33 to 34.



33. How many toys did Eunice donate?

34. The 4 children donated a total of 100 toys, how many toys did Sally donate?

35. On the square grid below, draw a straight line that is perpendicular to Line AB.



36. Study the number patterns. Fill in the missing number.

18	
3	6

180	
18	10

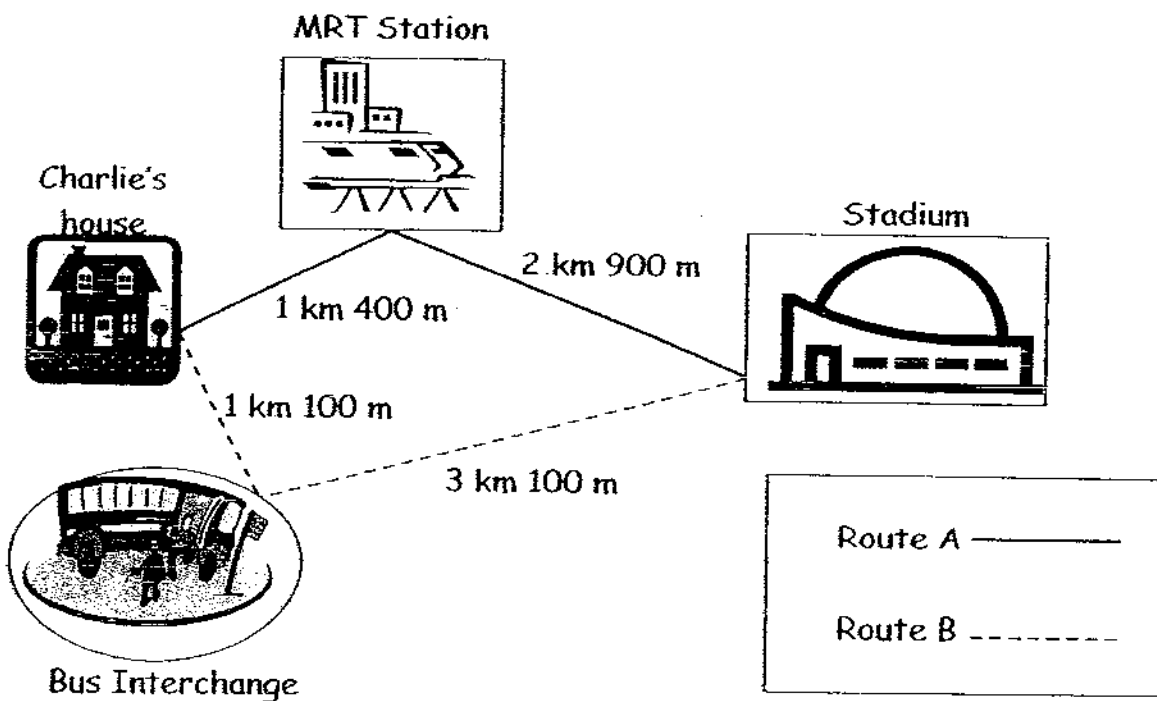
270	
?	5



37. Ali reaches school at 7.10 a.m. every morning. He takes 25 minutes to travel to school. At what time does he start his journey every morning?

a.m.

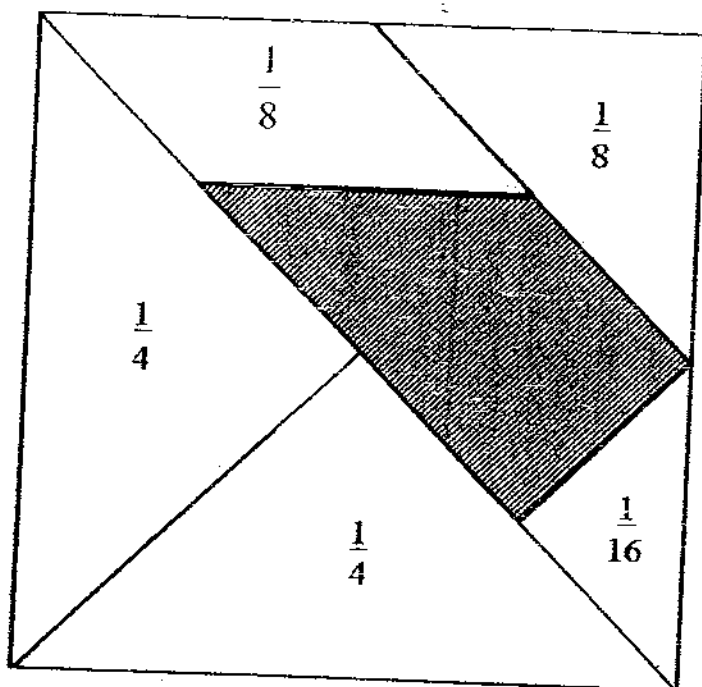
38.



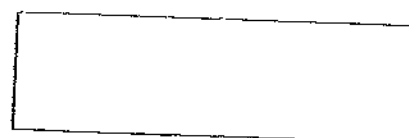
Look at the diagram above. Which is the shorter route from Charlie's house to the stadium?

Route

39. The figure below is a square made up of fractional parts. Study it carefully.



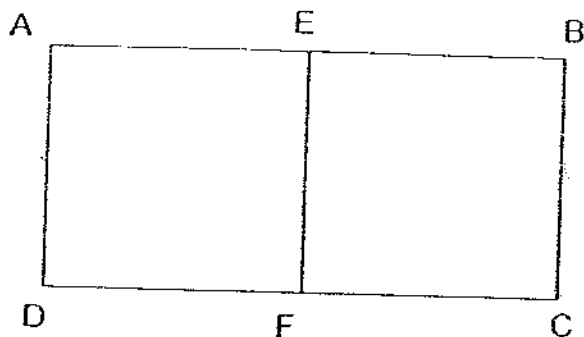
What fraction of the square is shaded?



40. Rectangle ABCD is formed with 2 squares, AEFD and EBCF.

The perimeter of each square is 36 m.

What is the area of Rectangle ABCD?



m^2

Section C: Problem Sums (5 x 4 marks = 20 marks)

Read the problem sums carefully before solving it.

Show all your workings clearly.

41. Jayden had 450 stickers more than Elaine. Elaine had 480 more stickers than Peter. Peter had 1 250 stickers. How many stickers did Jayden have?

Working

42. Mdm Devi bought 4 boxes of pencils. Each box contained 243 pencils. The pencils were shared equally among 6 pupils. How many pencils did each pupil get?

Working

43. Ethan has 2 414 marbles while his friend, Fahmi, has 1 322 marbles. How many marbles must Ethan give Fahmi so that they will have the same number of marbles?

Working

44. Some children and 3 teachers visited the Zoo. The total cost of the admission tickets for the children was three times as much as the total cost of the tickets for the 3 teachers. The total cost of the admission tickets was \$72. How much was the cost of 1 adult ticket?

Working

45. A snail crept 6 m up a wall during the daytime but slipped down 2 m while sleeping at night.
If this happened every day, how many days would the snail take to reach the top of a wall 35 m in height?

Working

-END OF PAPER-

Setters: Mrs Elaine Chua, Mdm Norhayati and Mrs. Katherine Teo

ANSWER SHEET

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EXAM PAPER 2008

SCHOOL : HENRY PARK PRIMARY SCHOOL

SUBJECT : PRIMARY 3 MATHEMATICS

TERM : SA 2

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17
3	4	2	2	3	2	1	2	4	3	1	1	2	2	4	1	2

Q18	Q19	Q20
3	1	3

21)6 22)\$24.65 23)7006g 24)A=12 B=5

25)BC//FE 26)207 27)1950 28)\$27

29)10h 30min 30)428cm 31)900ml 32)1/6

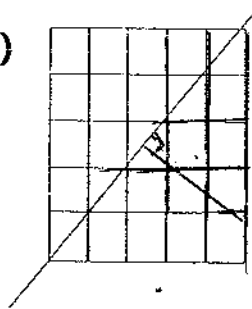
33)22 toys 34)20 toys 35)

36)54 37)6.45 a.m.

38)B 39)3/16

40)162m²

41)1250+480=1730
1730+450=2180
Jayden had 2180 stickers.



42) $243 \times 4 = 972$

$972 \div 6 = 162$

Each pupil received 162 pencils.

43) $2414 + 1322 = 3736$

$3736 \div 2 = 1868$

$1868 - 1322 = 546$

Ethan must give Fahmi 546 marbles.

44) $\$72 \div 4 = \18

$\$18 \div 3 = \6

The cost of 1 adult ticket is \$6

45) It will take 9 days.