

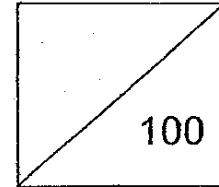


**CATHOLIC HIGH SCHOOL**

**MID-YEAR EXAMINATION**

**MATHEMATICS**

**PRIMARY 2**



Name: \_\_\_\_\_ (      )

Class: Primary 2 \_\_\_\_\_

Date: 9 May 2006

Duration: 1 h 15 min

Parent's signature : \_\_\_\_\_

There are 19 pages consisting of 3 sections in this paper.

Section A: Multiple-Choice Questions (MCQ)      20 x 2 marks

Section B: Open-Ended Questions                      20 x 2 marks

Section C: Story Sums                                      5 x 4 marks

**Section A: Multiple-Choice Questions (20 x 2 marks)**

Choose the correct answer and write its number in the brackets provided.

1) The value of digit 8 in 982 is \_\_\_\_\_

- (1) 8 ones
- (2) 8 tens
- (3) 80 tens
- (4) 8 hundreds

(      )

2)  $270 + 580 =$  \_\_\_\_\_

- (1) 310
- (2) 710
- (3) 750
- (4) 850

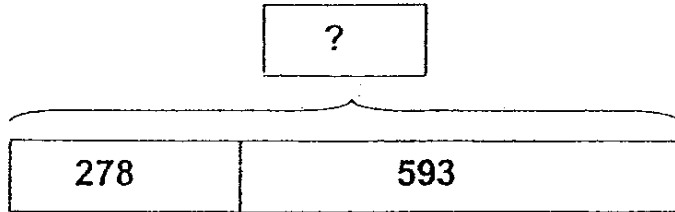
(      )

3) Subtract 276 from 80 tens. The answer is \_\_\_\_\_

- (1) 196
- (2) 356
- (3) 524
- (4) 634

(      )

- 4) Look at the model below. What is the missing number in the model?



- (1) 315
- (2) 325
- (3) 721
- (4) 871

( )

- 5)  $829 =$  \_\_\_\_\_ tens and 29 ones.

- (1) 1
- (2) 8
- (3) 80
- (4) 82

( )

- 6) Jamie wanted to measure the length of the door of his classroom but he is not tall enough to do so. He decides to make a guess. Which of the following options is correct?

- (1) 20 m
- (2) 100 cm
- (3) 200 cm
- (4) 500 cm

( )

7)  $3 \times 8$  \_\_\_\_\_

- (1)  $3 + 3 + 3$
- (2)  $3 \times 3 \times 3$
- (3)  $8 + 8 + 8$
- (4)  $8 \times 8 \times 8$

( )

8) Joe buys 3 erasers a week. If he continues buying the same number of erasers every week, how many erasers will he have after 5 weeks?

- (1) 8
- (2) 9
- (3) 15
- (4) 35

( )

9) Gabriel cut a 30 cm long wire into 3 pieces. If the first piece was 12 cm and the second piece was 10 cm, how long was the third piece?

- (1) 8 cm
- (2) 10 cm
- (3) 22 cm
- (4) 52 cm

( )

10) I am thinking of a number that is 73 less than 200. What number am I thinking of?

- (1) 127
- (2) 137
- (3) 233
- (4) 273

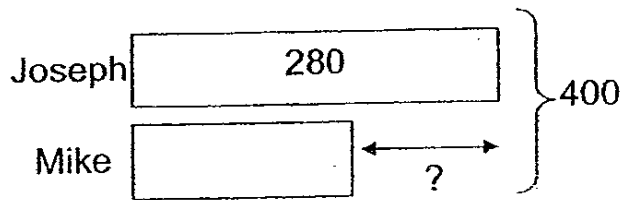
( )

11) Samuel had 20 pencils and he wanted to share them with 4 other friends. How many pencils did each child get?

- (1) 5
- (2) 16
- (3) 24
- (4) 4

(      )

12) Joseph and Mike had some marbles. How many more marbles did Joseph have than Mike?



- (1) 120
- (2) 150
- (3) 680
- (4) 800

(      )

13) 5 hundreds, 20 tens and 18 ones is the same as \_\_\_\_\_.

- (1) 43
- (2) 538
- (3) 268
- (4) 718

(      )

14) A farmer is packing some apples. There are 5 apples in a box. If there are 10 boxes, how many apples are there altogether?

- (1) 5
- (2) 15
- (3) 50
- (4) 55

(      )

15) Edmund likes to count the number paces it takes to go from his room to the kitchen. If 8 paces are equal to 2 m, how many paces are there if the distance from his room to the kitchen is 8 m?

- (1) 8
- (2) 14
- (3) 16
- (4) 32

(      )

16) In the following question, each letter stands for a digit. What is the missing number in the box?

$$A \times A = A$$

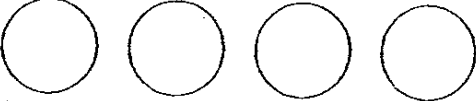

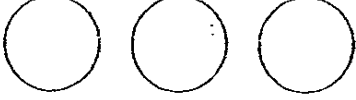
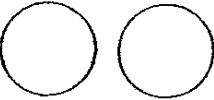
$$B \times A = 8$$


$$B - A = \square$$

- (1) 1
- (2) 7
- (3) 8
- (4) 15

(      )

The table below shows the number of pancakes sold at a shop. Look at the graph and answer questions 17 and 18.

<b>Strawberry</b>	
<b>Chocolate</b>	
<b>Banana</b>	
<b>Butter</b>	

Each  represents 5 pancakes.

17) A shop sells four different types of pancakes. How many more chocolate pancakes than butter pancakes are sold?

- (1) 10
- (2) 20
- (3) 30
- (4) 40

(      )

18) The total number of \_\_\_\_\_ and \_\_\_\_\_ sold is the same as the number of chocolate pancakes sold.

- (1) butter, banana
- (2) strawberry, butter
- (3) strawberry, banana
- (4) butter, chocolate

(      )

19) Jackson went up the hill to fetch 11 pails of water. He could carry two pails at a time. How many trips to the top of the hill did Jackson have to make?

- (1) 5
- (2) 2
- (3) 3
- (4) 6

( )

20) Look at the figures below and study the pattern carefully. How many cubes are needed to form figure 5?

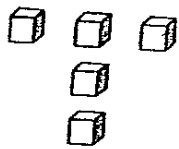


Figure 1

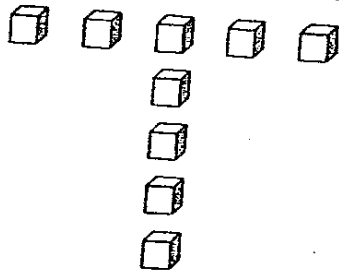


Figure 2

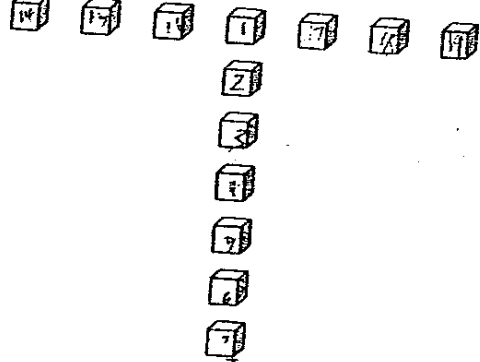


Figure 3

- (1) 13
- (2) 17
- (3) 21
- (4) 25

( )



**Section B: Open-Ended Questions (20 x 2 marks)**

Fill in the blanks with the correct answers.

21) Write the following numerals in words.

a) 803: \_\_\_\_\_

\_\_\_\_\_

b) 942: \_\_\_\_\_

\_\_\_\_\_

22) Use a ruler to measure the line shown below.



The length of the line is about \_\_\_\_\_ cm.

- 23) There are 24 birds in some cages. If there are 3 birds in each cage, how many cages are there?



There are \_\_\_\_\_ cages.

- 24) There are 70 cows in a farm. There are 29 more horses than cows. How many cows and horses are there?



There are \_\_\_\_\_ cows and horses.

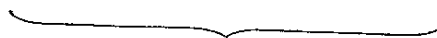
- 25) Look at the model below. How many chocolate cakes are there?

Cheese cakes 

231
-----

Chocolate cakes 

	35
--	----



?

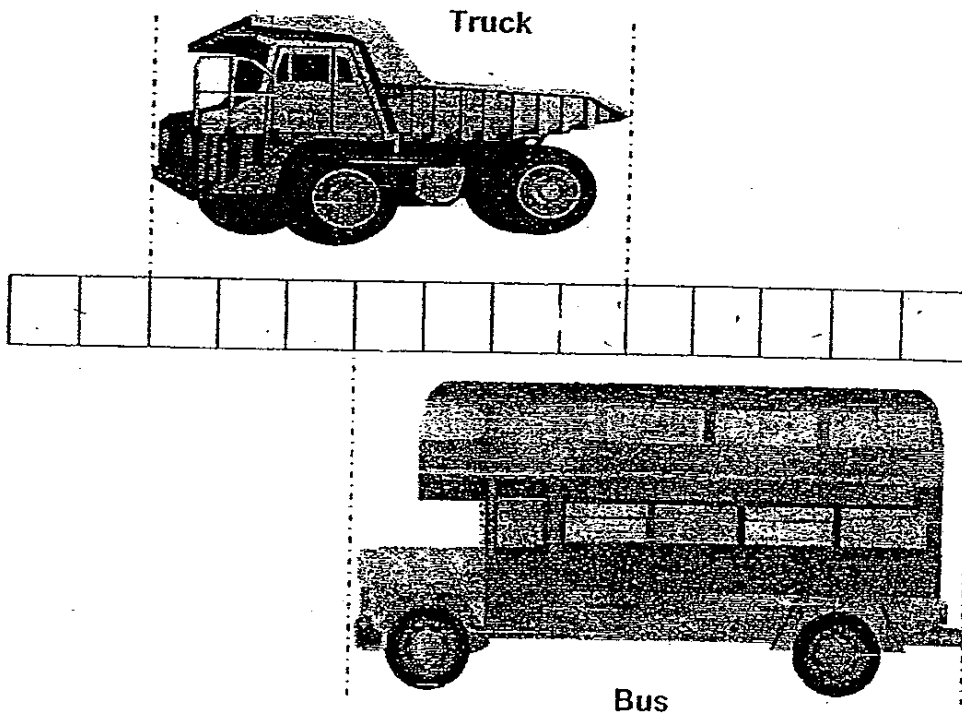
There are \_\_\_\_\_ chocolate cakes.

- 26) A train carriage can ferry 10 passengers. If there are 6 such carriages in a train, how many passengers can the train ferry?

The train can ferry \_\_\_\_\_ passengers.

- 27) Refer to the figure below and answer the following questions.

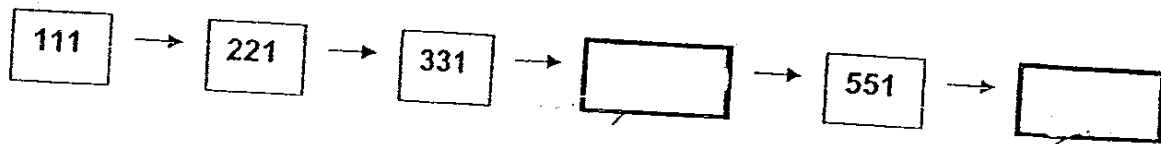
1  stands for 1 unit.



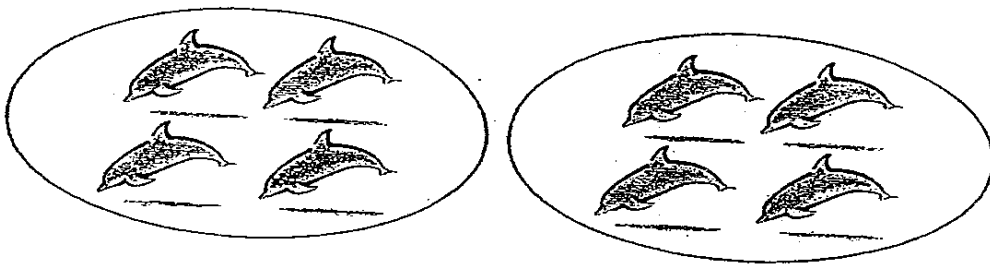
(a) The length of the truck is \_\_\_\_\_ units.

(b) The truck is \_\_\_\_\_ units shorter than the bus.

28) Look at the number pattern. Fill in the missing numbers.



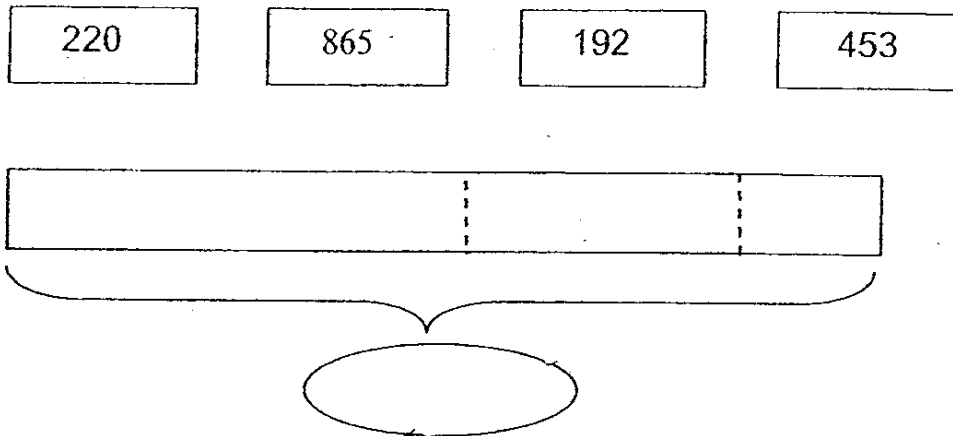
29) Look at the diagram below. Write a multiplication and a division sentence for the diagram.



(a) \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

(b) \_\_\_\_\_ ÷ \_\_\_\_\_ = \_\_\_\_\_

- 30) Look at the model below carefully and fill in the numbers into the bars and oval accordingly.



- 31) I am thinking of a number. When I add 8 to the number, I get 654. What will I get when I subtracted 50 from the number that I am thinking of?

o will get  
I am thinking of \_\_\_\_\_

- 32) I am thinking of two numbers. What will my two numbers be if their sum is 5 and their product is 6?

The two numbers are \_\_\_\_\_ and \_\_\_\_\_.

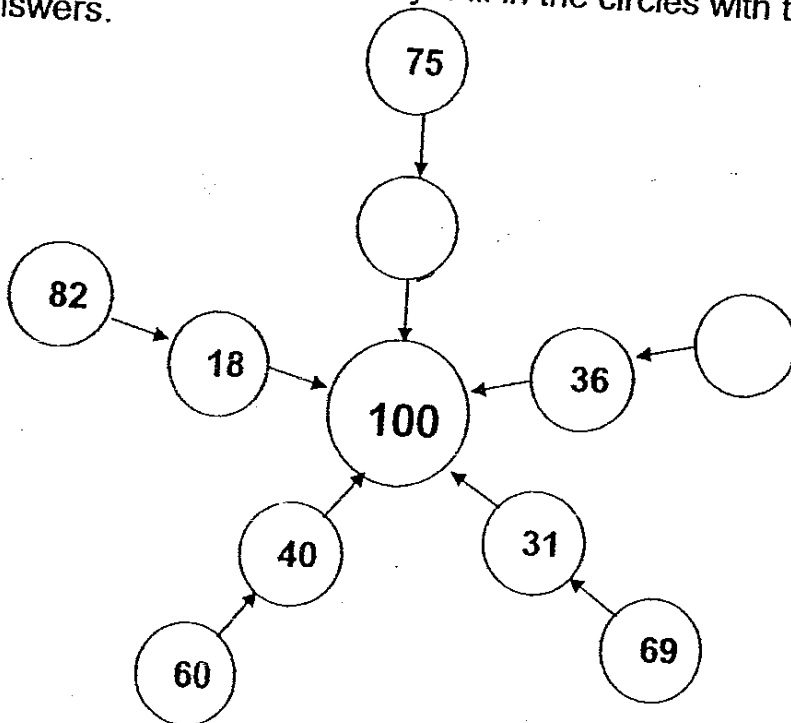
- 33) In a three-digit number, the digit in the hundreds place is 4 and the digit in the tens place is 2 times the digit in the hundreds place. If the sum of the digits is 12, what is the number?

The number is \_\_\_\_\_.

- 34) Marie bought some key chains. She gave 2 key chains to each of her cousins and kept 3 of them for herself. If she had 7 cousins, how many key chains did she buy?

She bought \_\_\_\_\_ key chains.

- 35) Look at the diagram carefully. Fill in the circles with the correct answers.

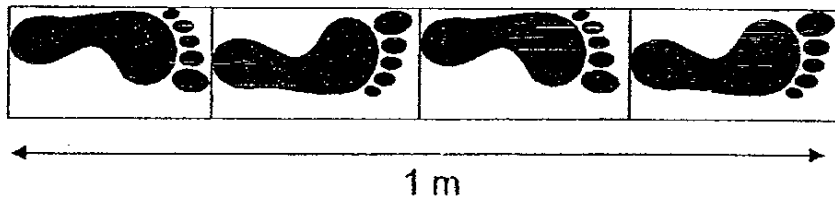


36) Which number must be written in the  $\triangle$  ?

	3	2	
+	5	$\triangle$	8
	8	7	1

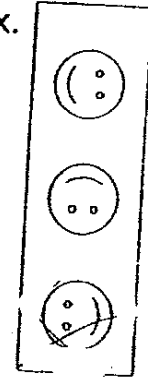
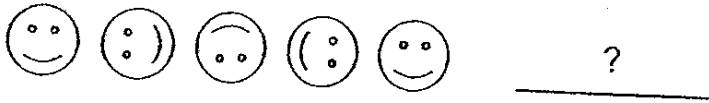
The answer is \_\_\_\_\_.

37) In the figure below, four paces of Tommy is equal to 6 paces of his puppy. How many paces has his puppy taken if Tommy has walked 2 m?

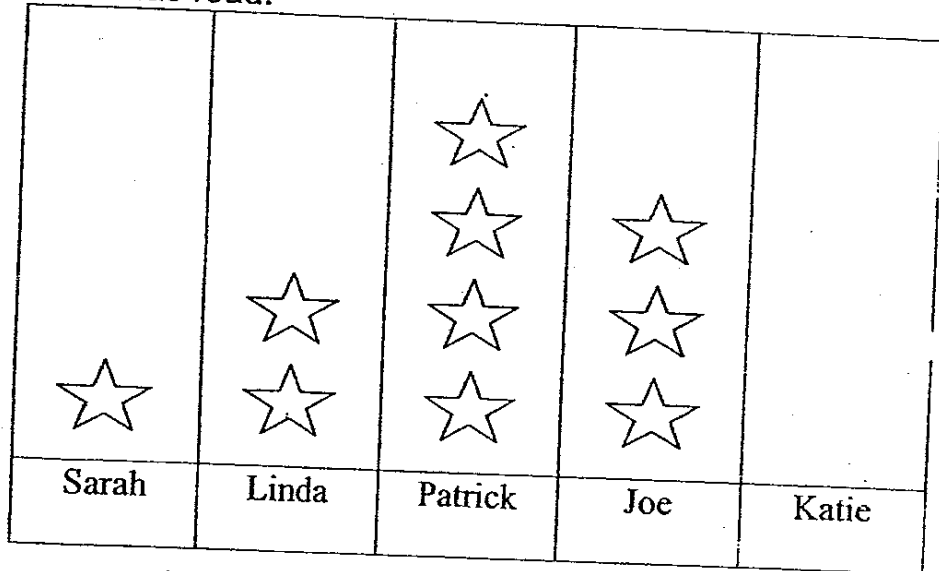


His puppy has taken \_\_\_\_\_ paces.

38) Look at the pattern and circle the correct option in the box.



39) For questions 39 and 40, refer to the graph and information below. The graph below shows the number of story books each child has read.

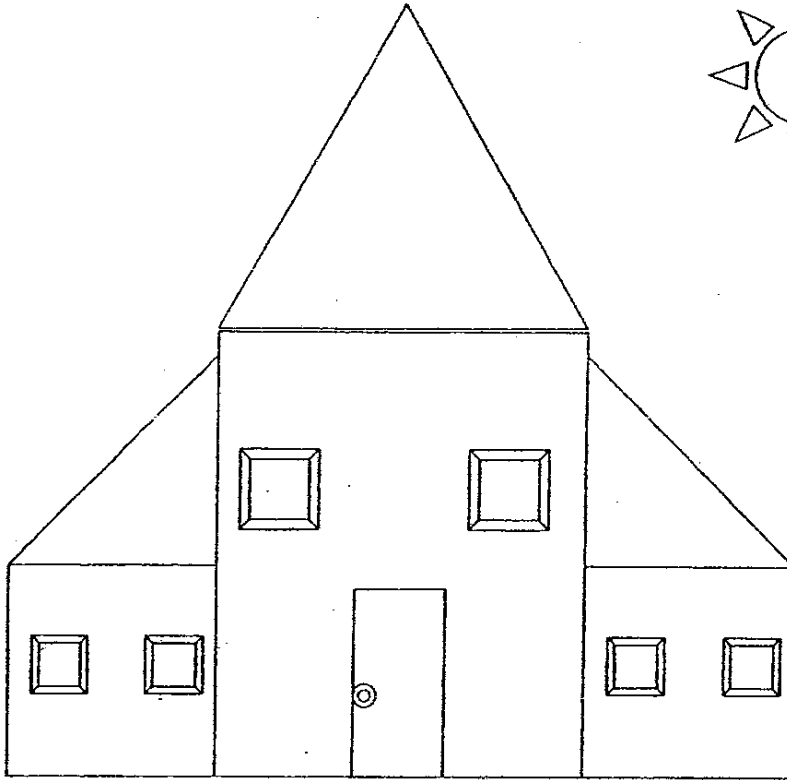
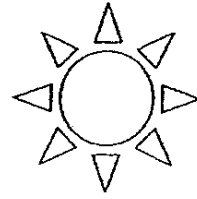


Each stands for 4 story books.

- a) Patrick has read \_\_\_\_\_ more story books than Linda.
- b) If Katie has read 8 more books than Sarah, fill in the missing information in the graph above by drawing stars.



40)



There are \_\_\_\_\_ squares and \_\_\_\_\_ triangles  
in the picture.

**Section C: Story Sums (5 x 4 marks)**

Complete the following questions. All workings must be clearly shown.

- 41) Janet collected some seashells. She gave 56 of them to her best friend and 15 of them to her neighbour. She had 37 left. How many seashells did she collect?

Working

She collected \_\_\_\_\_ seashells.

- 42) Sue had a piece of cloth. After she had used 25 cm of it to make a dress, she wanted to cut the remainder into 2 equal pieces to be made into 2 scarves. If she had 45 cm of cloth at first, what was the length of each piece of cloth needed to make one scarf?

Working

\_\_\_\_\_ cm of cloth was needed.

- 43) Lionel has 6 toy cars. Patrick has 3 times as many toy cars as Lionel. How many toy cars does Patrick have?

Working

Patrick has \_\_\_\_\_ toy cars.

- 44) Paul and Jacky have 472 bookmarks altogether. If Paul has 280 bookmarks, how many more bookmarks does he have than ~~Jacky~~ Jacky?

Working

Paul has \_\_\_\_\_ more bookmarks.

- 45) Mrs Brown wants to distribute some sweets to her grandchildren. She has 45 sweets and each child will get 5 sweets. How many grandchildren does she have?

Working

Mrs Brown has \_\_\_\_\_ grandchildren.

Catholic High Primary School  
Primary 2 Maths SA1 Exam (2006)

Answer Sheets

Q1	Q2	Q3	Q4	Q5
<b>2</b>	<b>4</b>	<b>3</b>	<b>4</b>	<b>3</b>
Q6	Q7	Q8	Q9	Q10
<b>3</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>1</b>
Q11	Q12	Q13	Q14	Q15
<b>4</b>	<b>2</b>	<b>4</b>	<b>3</b>	<b>4</b>
Q16	Q17	Q18	Q19	Q20
<b>2</b>	<b>2</b>	<b>2</b>	<b>4</b>	<b>3</b>

21a. **Eight hundred and three.**

22. **8cm**

21b. **Nine hundred and forty-two.**

23.  $24 \div 3 = \underline{8}$  **cages**

24.  $70 + 29 = 99$

$99 + 70 = \underline{169}$  **cows and horses**

25.  $231 + 35 = \underline{266}$  **chocolate cakes**

26.  $10 \times 6 = \underline{60}$  **passengers.**

27a. **7 units**

28.  $\boxed{111} \rightarrow \boxed{221} \rightarrow \boxed{331} \rightarrow \boxed{\phantom{000}} \rightarrow \boxed{551} \rightarrow \boxed{\phantom{000}}$

27b.  $9 - 7 = \underline{2}$  **units shorter**

441

661

29.  $4 \times 2 = 8$   
 $8 \div 4 = \underline{2}$

30.  $453 + 192 + 220 = \underline{865}$

31.  $654 - 8 = \underline{646}$   
 $646 - 50 = \underline{596}$

32. **3 and 2**

33.  $4 \times 2 = 8$   
 $12 - 4 - 8 = 0$   
 $= \underline{480}$

35.  $100 - 75 = \underline{25}$   
 $100 - 34 = \underline{64}$

37.  $4 \times 2 = 8$   
 $4 \text{ (Tommy)} = 6 \text{ (puppy)}$   
 $8 = 6 \times 2$   
 $= \underline{12 \text{ paces}}$

39a.  $4 \times 2 = 8$



34.  $7 \times 2 = 14$   
 $14 + 3 = \underline{17}$

36.  = 4

38. 

40. 14 squares and 11 triangles

41.  $37 + 15 + 56$   
 $= 52 + 56$   
 $= 108$   
She collected 108 seashells.

42.  $45 - 25 = 20$   
 $20 \div 2 = 10$   
10cm of cloth was needed

43.  $6 \times 3 = 18$   
Patrick has 18 toy cars.

44.  $472 - 280 = 192$   
 $280 - 192 = 88$   
Paul has 88 more bookmarks.

45.  $45 \div 5 = 9$   
Mrs Brown has 9 grandchildren