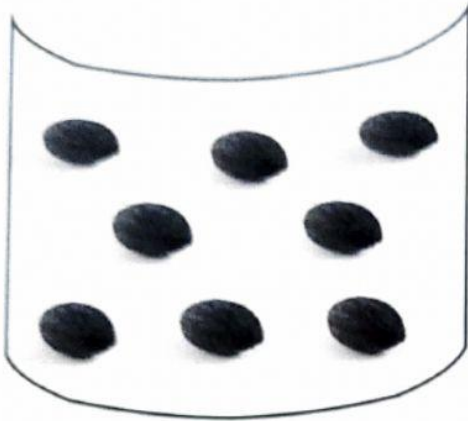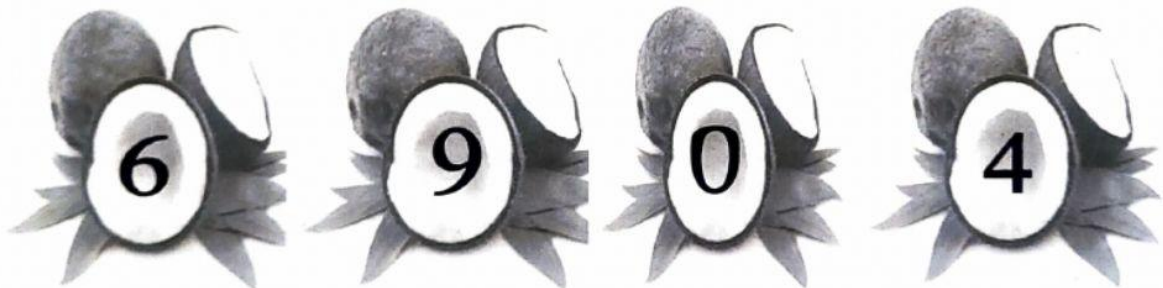# MATHEMATICAL CONCEPTS
(25 Marks)

1. Write the number that tells how many nuts are in the set shown below.

_____[1]

2. Write the largest number that can be made using the digits on the coconuts.

Answer: _____[1]

3. Write the number | 8 924 | in expanded form.

Answer:_____[1]

[GO ON

4. Write the number ⟨ **27** ⟩ as a Roman Numeral.

Answer:_____[1]

5. Write the correct ordinal number word under each picture.

3rd

10th

(i) [ ]

(ii) [ ]

[2]

6. Write the **value** of the digit '**7**' in the number ⟨ **8 720** ⟩ .

Answer:_____[1]

7. Round the number 73 to the nearest 10.

Answer: _____[1]

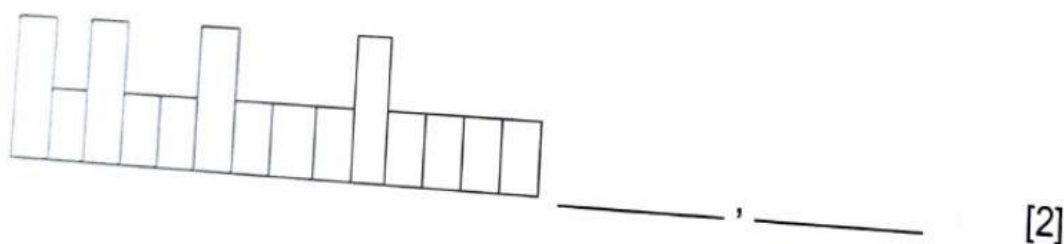[GO ON]

8. Round the number 265 to the nearest hundred.

Answer: _____ [1]

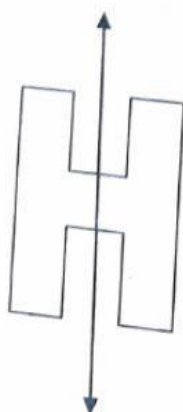9. Write a multiplication sentence for the addition sentence shown.

$$3 + 3 + 3 + 3 + 3 = 15$$

Answer: ☐ X ☐ = ☐ [1]

10. Study the pattern below then draw the next **TWO** shapes in the pattern to complete it.

_____ , _____ [2]

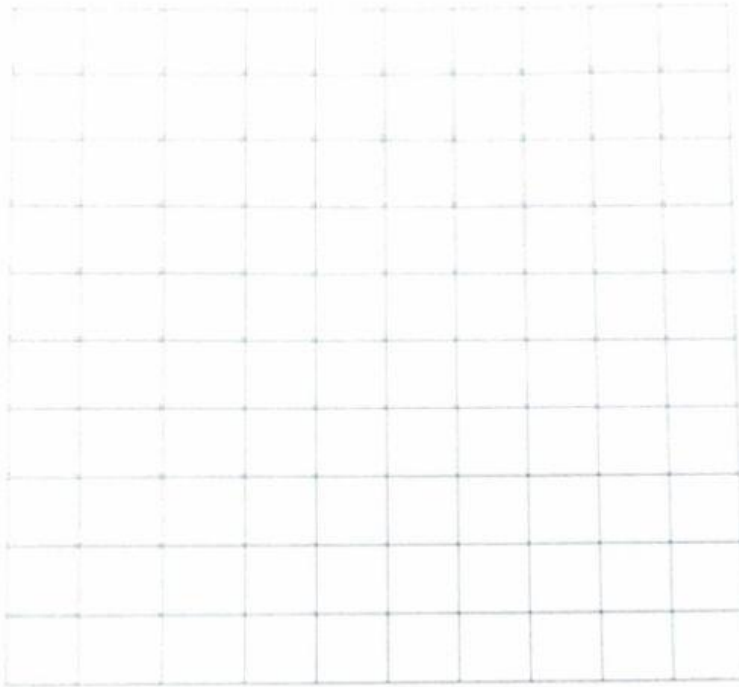11. Draw in another line of symmetry on the letter 'H' below.

[1]

12 (a) Shade in **one column** on the diagram shown below.

Answer: [1]

12. (b) Write the fraction that tells what portion of the diagram is shaded.

Answer: _____[1]

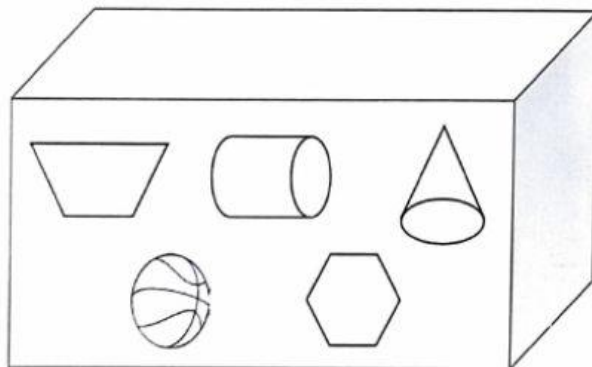12. (c) Write the fraction that tells which portion of the diagram is not shaded.

Answer: _____[1]

13. Complete the table below to help Trudie change dimes to pennies and pennies to dimes.

TRUDIE'S MONEY			
DIMES	5	7	(A)?
PENNIES	50	(B)?	90

(A) _____ [1]

(B) _____ [1]

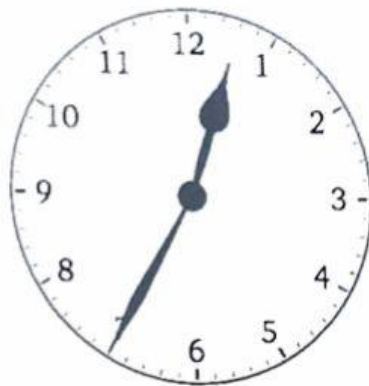14. Place an 'X' on all of the plane shapes in the box.

Answer: [2]

15. Shade in the shape that has more than four vertices
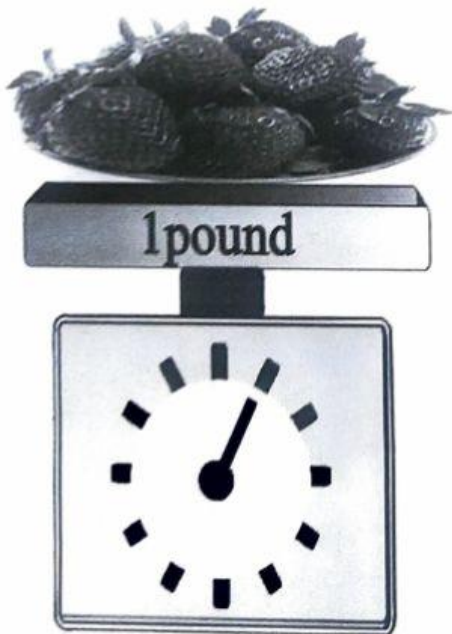
Answer: [1]

[GO ON]

16. Write the time shown on the clock face in the box below it.

_____ : _____

Answer:[1]

17. Each strawberry weighs 1 ounce. Place an 'X' on the number of strawberries that will be needed to show the same weight as the strawberries that are on the scale.

[1]

[STOP]

LIVEWORKSHEETS

18. Fill in the missing units to complete the chart. Write your answer on the lines provided.

MAIN UNIT OF MEASUREMENT	CONVERTED UNIT OF MEASUREMENT
2 pints	1 quart
4 quarts	(A) ?
(B)?	1000 milliliters

(A) _____   [1]

(B) _____   [1]

COMPUTATION

INSTRUCTIONS FOR STUDENTS

You have **30 minutes** to complete this test.

Look at the instructions and read them to yourself as I read them aloud.

Instructions:

Read **ALL** questions carefully and follow the instructions.

Answer **ALL** questions.

Show **ALL** necessary steps in the working.

Write **ALL** answers clearly.

Work through the booklet until you arrive at the **STOP** page.

Do not spend too much time on any one question.

CHECK all answers.

You may begin working now.

[GO ON]

COMPUTATION
[35 Marks]

ADD

(Show ALL Working)

1.
```
    4 0 8
  + 3 5 1
  _____

  _____
```

2.
```
    5 6 2 4
  + 1 5 3 4
  _____

  _____
```
[1] [2]

3.
```
    $      ¢
   8 6 . 9 5
 +    2 . 5 0
 _____

 _____
```

4. $85 + 72 + 24 = \boxed{}$

[2] [2]

5. $9 + \boxed{} = 17$

[1]

SUBTRACT

(Show ALL Working)

6. $13 - \boxed{} = 8$

[1]

```
    5 6 4
  - 3 4 2
  _____

  _____
```

8.
```
    4 3 6
  - 1 8 2
  _____

  _____
```
[1] [2]

[GO ON]