

C O N T E N T S

GRADE 5

1.	Numbers to 100 000	2
2.	Addition and Subtraction with Whole Numbers	4
3.	Multiplication and Division with Whole Numbers	8
4.	Time and Speed	12
5.	Perimeter and Area	14
6.	Angles and Triangles.....	18
7.	2-D Shapes	24
8.	3-D Figures	26
	Midway Test	30
9.	Fractions.....	36
10.	Decimals	40
11.	Operations with Decimals.....	42
12.	Money	48
13.	Capacity, Volume, and Mass	52
14.	Patterning	56
15.	Transformations and Coordinates.....	58
16.	Graphs and Probability	62
	Final Test	66
	Assessment Test I	73
	Assessment Test II	81
	Answers	87

Assessment Test

I



Tommy and his mother, Mrs. Venn, are visiting a new pet shop which opened yesterday. Help them solve the problems.

① What date is today?

② Estimate the weight of each dog. (Check ✓ the correct letter.)

Nicky:

- (A) 0.5 t (B) 5 g (C) 4 kg

Bobby:

- (A) 3 kg (B) 500 g (C) 3.5 mg

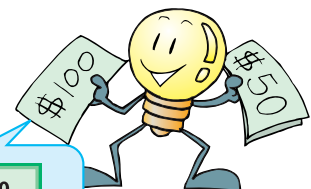
Do you remember tonne is a big unit and milligram is a small unit?

The payment for each dog shown is the monthly payment over a 24-month period. Help Tommy answer the questions.

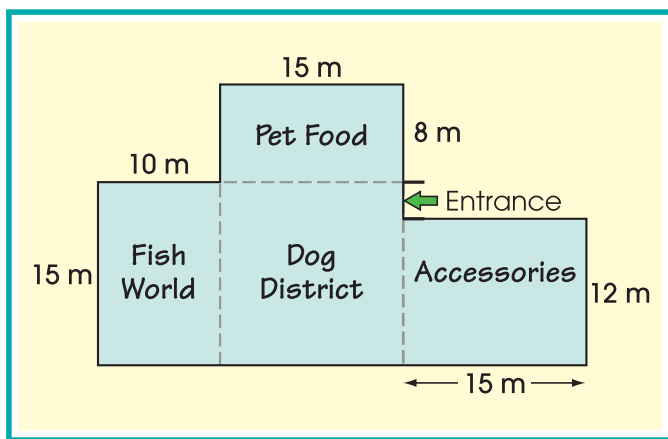
- ③ What is the price of Nicky? \$ _____
- ④ What is the price of Bobby? \$ _____
- ⑤ How much more does Bobby cost than Nicky? \$ _____ more
- ⑥ Mrs. Venn pays in full to buy Nicky for Tommy. If she pays with \$50 bills, how many \$50 bills does she need in all?

_____ \$50 bills

2 \$50 are needed to trade a \$100 .



Tommy and his mother are in the pet shop now. The shop owner is showing the way to the dog section. Look at the floor plan. Help Tommy solve the problems.



The area of a rectangle can be found by multiplying its length and width.

⑦ Find the area of each section.

Accessories: _____ m^2

Dog District: _____ m^2

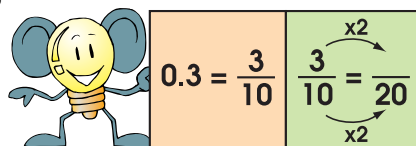
Fish World : _____ m^2

Pet Food : _____ m^2

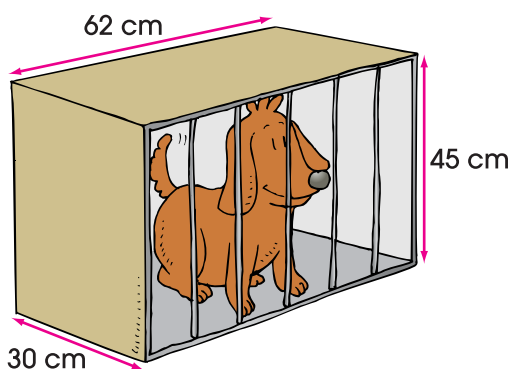
⑧ There are 20 dogs in the pet shop.

a. If 14 of them are brown, what fraction of the dogs are brown? (Write your answer in simplest form.) _____

b. If 0.3 of the dogs have big ears, how many dogs are there with big ears? _____ dogs



⑨ Find the volume of Nicky's cage. (Show your work.)



The pet shop owner is telling Tommy something about Nicky. Help Tommy solve the problems.

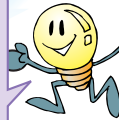


⑩ Nicky is a good jumper. He jumps 0.35 m in the 1st attempt, 0.37 m in the 2nd attempt, and 0.39 m in the 3rd attempt. If this trend continues,

a. in which attempt will he jump 0.41 m?

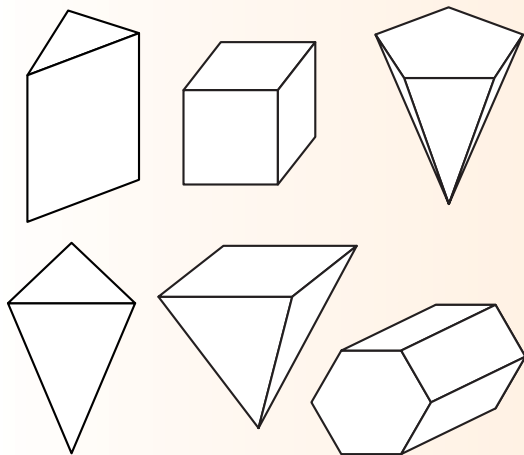
b. how high will he jump in the 6th attempt?

For question ⑩, you can find the answers by using tables.



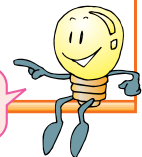
Attempt	1st	2nd	
Jump	0.35 m	0.37 m	

⑪ Nicky likes playing with solids that have 5 faces. Colour the solids that Nicky likes. Then draw the nets of the solids.



Nets

There are 2 solids with 5 faces.



⑫ Nicky likes treats. Find the mean and mode of the number of treats he got last week.

	S	M	T	W	T	F	S
No. of Treats	4	6	6	2	0	3	7

Mean: _____ treats

Mode: _____ treats