INDIAN SCHOOL NIZWA - WORKSHEET

MATHEMATICS

CH: 10 Geometry Basics

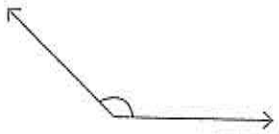
Name: _____ Date: _____ Class: V Sec: ___

What do you call an angle that is adorable?

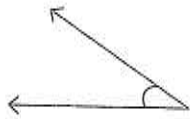
Measure each angle. Then use the decoder to get the answer.

1. 

70° N

2. 

___° A

3. 

___° E

4. 

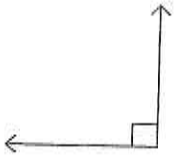
___° L

5. 

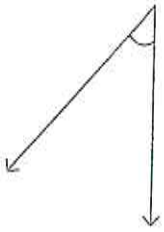
___° G

6. 

___° T

7. 

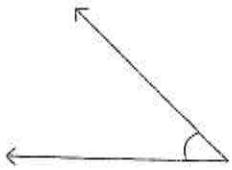
___° A

8. 

___° C

9. 

___° U

10. 

___° E

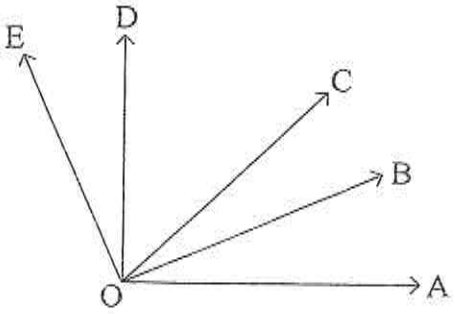
Decoder

90°	40°	120°	155°	35°
135°	N 70°	25°	130°	45°

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Write true or false for each of the following statements.

1. A right angle is 90°. _____
2. Two right angles make an obtuse angle. _____
3. An acute angle is smaller than an obtuse angle. _____
4. A straight angle is equal to two right angles. _____
5. A line has one endpoint and goes endlessly in one direction. _____
6. A line segment is the basic unit in geometry. _____
7. A line segment is part of a line. _____
8. A point shows an exact location. _____
9. A collection of points going endlessly in both directions along a straight path is called a line. _____
10. When two rays have a common endpoint they form an angle. _____
11. A protractor is used to measure angles. _____
12. Study the diagram and then answer using true or false.



(a) ∠AOD is an acute angle. _____

(b) ∠AOE is a right angle. _____

(c) ∠COA is an acute angle. _____

(d) ∠EOB is a right angle. _____

(e) ∠BOD is an acute angle. _____

(f) ∠AOE is an obtuse angle. _____

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INDIAN SCHOOL NIZWA - WORKSHEET

MATHEMATICS

CH:12 Measurement

Name: _____ Date:_____ Class: V Sec: ___

CONVERTING UNITS OF MASS

Complete the table.

kg	kg and g	g
1.15 kg	1 kg 150 g	1150 g
2.35 kg		
	1 kg 80 g	
0.8 kg		
		2500 g
		750 g
	3 kg 900 g	
1.1 kg		



CONVERTING UNITS OF CAPACITY

Complete the table.

ℓ	ℓ and mℓ	mℓ
1.4 ℓ	1 ℓ 400 mℓ	1400 mℓ
2.7 ℓ		
0.16 ℓ		
	2 ℓ 200 mℓ	
	3 ℓ 100 mℓ	
		650 mℓ
		3600 mℓ
1.35 ℓ		



MATCH THE ANSWERS

Match the answers.

15 m – 3 m 600 cm	5 ℓ 200 mℓ
6 cm 7 mm + 2 cm 9 mm	3.5 km
3 kg – 400 g	11 m 400 cm
4 ℓ 400 mℓ + 800 mℓ	7150 m
45.16 m in smaller units	2 kg 600 g
7.15 km in smaller units	4516 cm
3500 m = _____ km	9 cm 6 mm
7.17 kg = _____ g	3300 mℓ
1700 g = _____ kg	5.5 m
350 mℓ = _____ ℓ	7170 g
3.3 ℓ = _____ mℓ	1.7 kg
550 cm = _____ m	0.35 ℓ
The length of a sellotape roll is 1.6 m. If 40 cm has been used from it, how much is still left on the roll?	4.2 km
A sportsman jogs 4200 m every day. How much is that in km?	750 mℓ
Apples weighing 750 g is put into a basket that weighs 1 kg 700 g. What is the weight of the basket now?	1 m 20 cm
How much juice should be added to fill a bottle that can hold 2 litres, if the bottle already holds 1 ℓ 250 mℓ?	50
How many 10-cm pieces of ribbons can be cut from a piece of ribbon of length 5 m?	2 kg 450 g

Neetha 30/1/2018 (140)



PROBLEM SOLVING USING MEASURES OF LENGTH

1. One Olympic swimming race is 1.5 km long. How many metres is that?

   Answer: _____

2. The Olympic Games have one race which is 10000 m long. How many kilometres is that?

   Answer: _____

3. A marathon is a long distance race of 42.1 km. How many metres is that?

   Answer: _____

4. A scientist finds the fossil of a dinosaur foot print which is 33 cm 8 mm long. Another dinosaur footprint is 5 mm longer than that. What is its length?

   Answer: _____

5. The length of the thigh bone of the dinosaur is 215 cm long. If the thigh bone was 1 m 30 cm shorter, what would be its length?

   Answer: _____

6. A building has 4 floors. If each floor is 3.5 m high, what is the height of the building?

   Answer: _____

7. The length of Rita's new shoe laces is 50 mm longer than her old shoe laces. If her old shoe laces are 40 cm long, what is the length of the new shoe laces?

   Answer: _____

8. A mason wants to build a wall that is 3 m high. If each brick has a height of 6 cm, how many bricks high will the wall be?

   Answer: _____

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PROBLEM SOLVING— MASS AND CAPACITY

1. A recipe needs $2\frac{1}{2}$ kg onions. If you already had 1 kg 300 g onions, how much more would you need?
   Answer: _____

2. A bag weighs 20 kg when full. If the bag weighs 1 kg 200 g when empty, what is the weight of the contents of the bag?
   Answer: _____

3. A slice of bread weighs 25 g. What is the weight of a loaf of bread with 20 such slices?
   Answer: _____

4. Sriram's lunch box contains a sandwich weighing 125 g, an apple weighing 130 g and a juice bottle weighing 200 g. What is the weight of Sriram's lunch box?
   Answer: _____

5. A pizza weighing 720 g is cut into 9 equal pieces. How much does each piece weigh?
   Answer: _____

6. A bottle of sauce holds 0.4 ℓ. How much is that in mℓ?
   Answer: _____

7. A car uses 1 litre of petrol to travel a distance of 8 km. How many litres of petrol will it need to go a distance of 160 km?
   Answer: _____

8. A car has 40 litres of petrol in the tank. It used 25 ℓ 300 mℓ on a particular trip. How much petrol was left in the tank?
   Answer: _____

9. A home remedy of cough mixture needs 50 mℓ of honey, 150 mℓ water, 75 mℓ of pepper concentrate. How much cough mixture will we get using these quantities?
   Answer: _____