



Subject: Math

Name -----

Gr. 6A

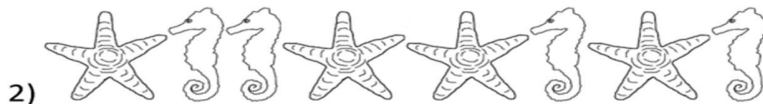
Revision Sheet

**Q.1: Answer the following :**



What is the ratio of butterflies to snails? \_\_\_ : \_\_\_

What is this ratio in its simplest form? \_\_\_ : \_\_\_



What is the ratio of starfish to seahorses? \_\_\_ : \_\_\_

Write this ratio in its simplest form \_\_\_ : \_\_\_

**Q.2 Find equivalent ratio:**

3		
12		

5		
6		

**Q.3 Find the missing number:**

1)  $\frac{2}{3} = \frac{\quad}{9}$       2)  $\frac{2}{5} = \frac{\quad}{15}$       3)  $\frac{1}{7} = \frac{\quad}{14}$       4)  $\frac{3}{3} = \frac{\quad}{9}$

5)  $\frac{3}{4} = \frac{9}{\quad}$       6)  $\frac{1}{2} = \frac{6}{\quad}$       7)  $\frac{5}{6} = \frac{\quad}{18}$       8)  $\frac{1}{5} = \frac{3}{\quad}$

9)  $\frac{2}{9} = \frac{\quad}{18}$       10)  $\frac{3}{5} = \frac{\quad}{20}$       11)  $\frac{2}{6} = \frac{6}{\quad}$       12)  $\frac{3}{7} = \frac{9}{\quad}$

### Q.4 Find unit rate

Rate	Unit Rate
1) 35 books in 5 boxes	_____ books per box
2) 100 miles in 4 hours	_____ miles per hour
3) 9 songs in 36 minutes	_____ minutes per song
4) 5 episodes in 200 minutes	_____ minutes per episode
5) 72 pens in 9 packs	_____ pens per pack
6) 6 miles in 42 minutes	_____ minutes per mile
7) 4 boxes weigh 48 kilograms	_____ kg per box
8) 120 books on 6 bookshelves	_____ books per bookshelf
9) 64 biscuits in 4 packs	_____ biscuits per pack
10) 200 miles in 5 hours	_____ miles per hour

### Q.5 Complete the given table

FRACTION	DECIMAL	PERCENT
$\frac{1}{2}$		
$\frac{3}{4}$		
	0.6	
		80%
	0.25	
		10%
$\frac{7}{10}$		
	0.9	

## **Q.6 Find these percentages of numbers**

### A) Multiples of 1%

- |                 |                 |                 |
|-----------------|-----------------|-----------------|
| 1) 1% of 500 =  | 2) 3% of 500 =  | 3) 6% of 500 =  |
| 4) 1% of 130 =  | 5) 2% of 130 =  | 6) 5% of 130 =  |
| 7) 1% of 200 =  | 8) 4% of 200 =  | 9) 9% of 200 =  |
| 10) 1% of 250 = | 11) 3% of 250 = | 12) 6% of 250 = |

### B) Multiples of 10%

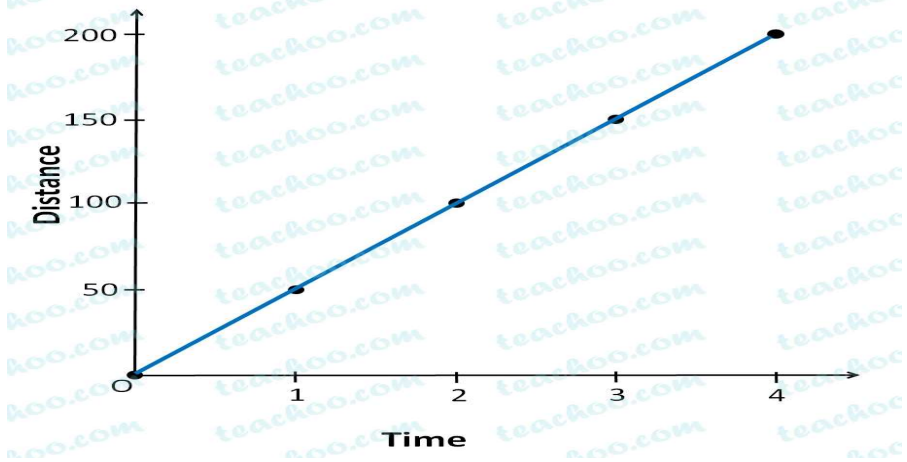
- |                  |                  |                  |
|------------------|------------------|------------------|
| 1) 10% of 80 =   | 2) 30% of 80 =   | 3) 50% of 80 =   |
| 4) 10% of 120 =  | 5) 20% of 120 =  | 6) 60% of 120 =  |
| 7) 10% of 70 =   | 8) 30% of 70 =   | 9) 90% of 70 =   |
| 10) 10% of 220 = | 11) 30% of 220 = | 12) 40% of 220 = |

### C) Mixed

- |                  |                 |                  |
|------------------|-----------------|------------------|
| 1) 10% of 40 =   | 2) 3% of 400 =  | 3) 20% of 70 =   |
| 4) 7% of 20 =    | 5) 60% of 50 =  | 6) 5% of 200 =   |
| 7) 1% of 900 =   | 8) 30% of 200 = | 9) 8% of 30 =    |
| 10) 20% of 130 = | 11) 6% of 400 = | 12) 8% of 600 =  |
| 13) 40% of 70 =  | 14) 90% of 50 = | 15) 7% of 1100 = |

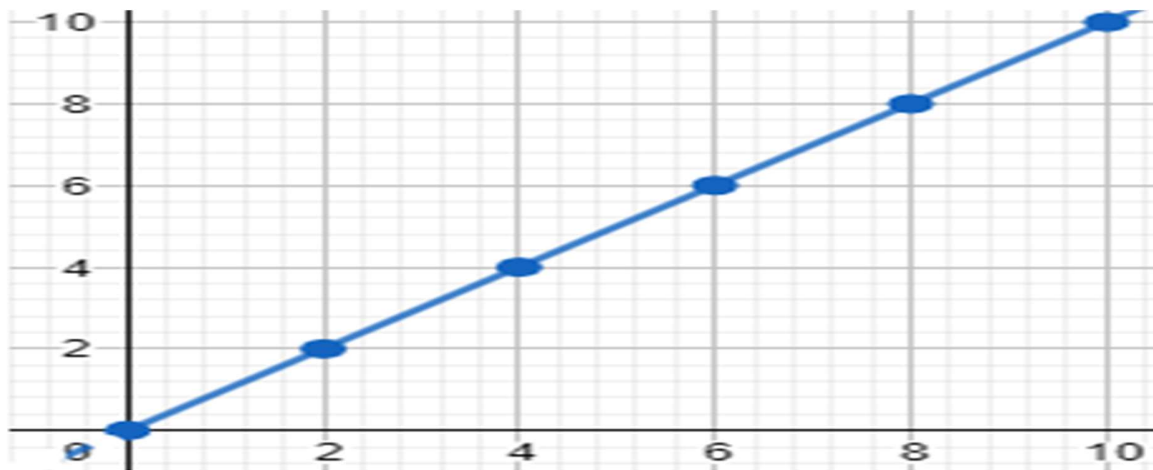
**Q.7 Look to the graph and Answer the following questions:**

(a)



- 1) The unit rate of the distance over time is.....
- 2) The distance that plane should travel after **11** min. is .....mile.
- 3) The time that plane needs to travel **350** mile is ..... min.

(b)



- 1) The unit rate of the distance over time is.....
- 2) The distance that plane should travel after **12** min. is .....mile.
- 3) The time that plane needs to travel **240** mile is ..... min.