Task 1 - HCF and LCM

<table>
<tr>
<td>Examples: LCM of 18, 24 and 32

2 | 18, 24, 32
2 | 9, 12, 16
2 | 9, 6, 8
3 | 9, 3, 4
3, 1, 4

LCM = 2 x 2 x 2 x 3 x 3 x 1 x 4
= 288</td>
<td>Examples: HCF of 20, 28 and 36

2 | 20
2 | 10
5 | 5
1

2 | 28
2 | 14
7 | 7
1

2 | 36
2 | 18
3 | 9
3 | 3
1

Thus, 20 = 2 × 2 × 5
28 = 2 × 2 × 7
36 = 2 × 2 × 3 × 3

The common factor of 20, 28 and 36 is 2(occuring twice). Thus, HCF of 20, 28 and 36 is 2 × 2 = 4.</td>
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<tr>
<td>1. Find LCM and HCF of 20 and 15</td>
<td>2. Find LCM and HCF of 48 and 28</td>
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Task 2 - Find the average:

Sr no.	No. of items	Total	Average	Calculations
1	15	105		
2		1, 2, 3, 4, 5		
3	12	132		
4		4, 7, 9, 11, 12, 17		

Task 3- Do as directed:

a) Fill in the blanks:

- A _____ can't be measured.
- A _____ has a starting point and an ending point.
- _____ is the space between the two rays meeting at a point.

b) Give at least two examples of where do you see the following geometrical shapes in real life:

- Point
- Ray
- Line-segment
- Line
- Angles
- Polygons

c) Construct the following angles using a protractor and write which type of angle it is :

- 156 degrees

- 32 degrees
- 90 degrees

Task 4- Do as directed

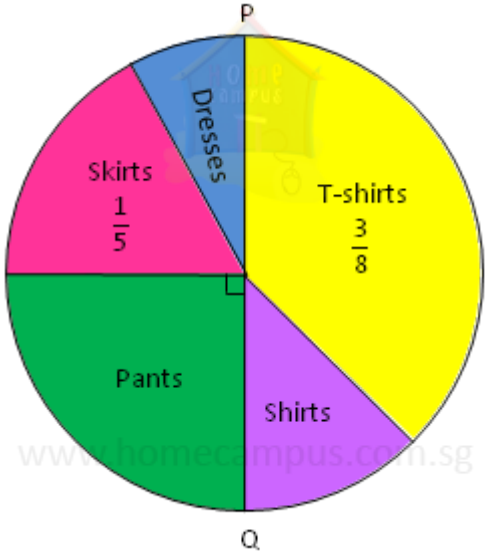
- Write 2 equivalent fractions of 2/9
- Convert 44/48 into simplest form:
- Change 10/3 into mixed number:
- Find the missing number: $\frac{18}{5} -$ _____ $= \frac{11}{5}$
- Write all the prime numbers from 1 to 30
- Find the factors of 24 and circle all the composite numbers

Task 5 - Solve the following word problems:

a. Jay needs to walk 7/10 kilometer to school. He has already walked 3/10 kilometer. How much farther does Jay needs to walk?
b. I ate 3/12 of a box of popcorn. My friend ate 2/9 of a box of popcorn. What fraction of the box of popcorn did we eat in all?

Task 6 - Grade 4(156 students) students were surveyed on their preferred outfits during summer. The pie graph is made according to their responses. Use the pie graph and answer the questions.

https://goo.gl/images/FEvzJT



1. What fraction of the students like to wear shirts in summer?

Ans:- _____

2. Which two wears if combined are as popular as pants?

Ans:- _____

3. What fraction of the people would like to wear skirts and T-shirts?

Ans:- _____

4. What fraction of people likes to wear pants during the summer?

Ans:- _____

5. Which outfit is preferred more, shirts or skirts? By what fraction?

Ans:-_____

6. Which 2 outfits if combined, makes exact half of the population?

Ans:-_____