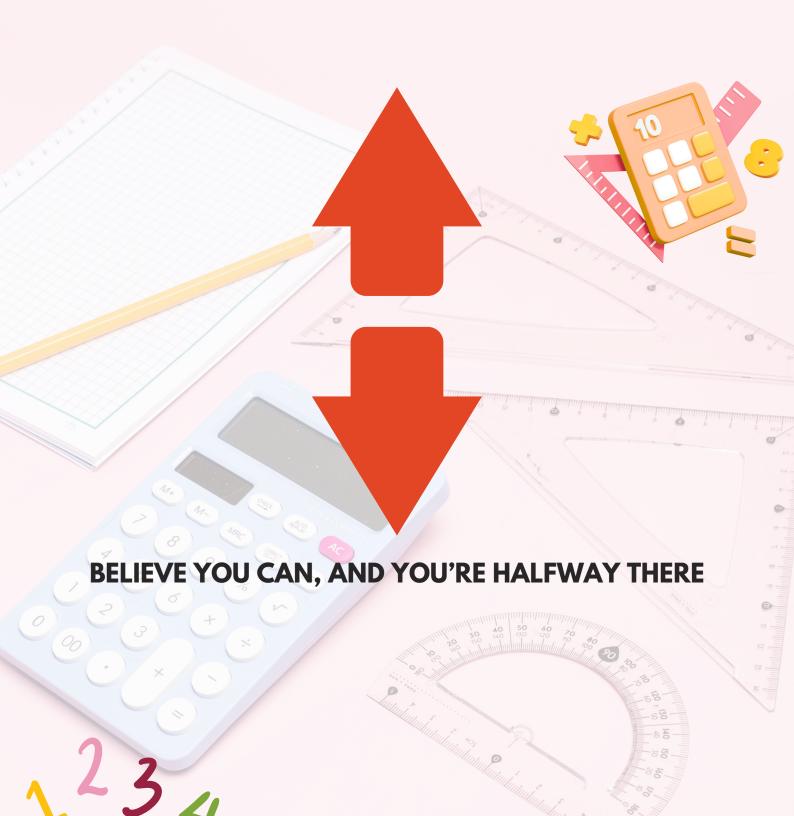




Worksheet 1



| 1. ₹ 207 divided | d among three friends A, | B and C in the ratio $rac{1}{6}:rac{1}{4}$ | $\frac{1}{4}:\frac{1}{3},$ then B's share = |
|----------------------------------|---|--|--|
| A. ₹ 46 | B. ₹ 92 | C. ₹ 138 | D. ₹ 69 |
| QR is 3: 4 and | | - | length of PQ to the length of S is 2 1. Find the ratio of the |
| A. 7:19 | B. 10 : 21 | C. 21:8 | D. 8 : 21 |
| 3. Akshita write speed of writin | | utes. How many words wo | ould she write in $1\frac{1}{2}$ hours, if |
| A. 1645 | B. 1575 | C. 1445 | D. 1757 |
| | | 2 | mark and 2 marks in the ration of questions of 2 marks. |
| A. 40 | B. 20 | C. 60 | D. 30 |
| A. in direct pro | • | $\frac{1}{p} and \frac{1}{q}$ are | dth |
| B. in inverse pro | rect nor in inverse propo | THE YOURSELF | |
| D. sometimes in | n direct and sometimes i | n incerse proportion. | |
| | as 54 books. After givin ents are there in the cla | = | udent, he is left with 9 books |
| A. 20 | B. 18 | C. 15 | D. 25 |
| 7. Which of thr | following vary directly? | | |
| A. Number of w | orkers and number of d | ays taken to complete a w | ork. |
| B. Number of u | nits of current used and | the amount of charge for | consumption. |
| C. Speed of a | vehicle and time taken t | o cover a fixed distance. | |
| D TI . (| goods and its consumpt | | |

8. 1000 soldiers in a fort had enough food for 20 days. But some soldiers were transferred to another fort and the food lasted for 25 days. How many soldiers were transferred?

A. 200

B. 250

C. 310

D. None of these

9. If $(25)^x = (125)^y$, find x: y,

A. 1:1

B. 2:3

C. 3:2

D.1:3

10. The ratio between the exterior angle and the interior angle of a regular polygon is 2 : 3. Find the number of sides of the polygon.

A. 10

B. 5

C. 6

D. 3



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