



# Maths Accelerator Centre

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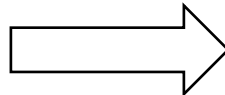
## Pri 5/ Pri 6 : Problem Sum Mini Course

### Term 3 Lesson 2

1. Strategy 1: Number x Value
2. Higher Order Trending Questions

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<http://www.parkwaymath.com/>

### **Class Schedule for 2024**

Primary Math Schedule: <http://www.parkwaymath.com/schedule-pri/>

Secondary Math Schedule: <http://www.parkwaymath.com/schedule-sec/>

### **Upcoming Events**

Pri 6 : Prelim Revision Master-Class

Pri4/Pri 5 : WA3 Revision Master-Class

**Click Here For**

**Class Schedule & Fees**

<http://www.parkwaymath.com/programmes/>

Strategy : Number of Units x Value of Units

1. A football cost \$40. A basketball cost \$10 more. Coach Jonas paid \$ 2100 for some footballs and basketballs. The ratio of the footballs to the basketballs bought by the school was 5:3.

How many basketballs did the school buy?

2. The ratio of the number of cars to lorries to motorbikes found in a car park is 5:2:4. Given that there is a total of 864 wheels, find the number of motorbikes found in the car park.

### Trending Problem Sums

1.  $\frac{3}{7}$  of the people at a party are men.  $\frac{3}{5}$  of the remaining people are women and the rest are children. Given that there are 35 fewer children than men, how many people are there at the party?

P5 / Fractions/ Branching

2. In an Art Club,  $\frac{5}{8}$  of the members are girls,  $\frac{3}{4}$  of the girls and  $\frac{1}{2}$  of the boys are in Primary 5. Given that 22 members of the Art Club are not in Primary 5, how many members are there in the Art Club?

P5/ TMPS/WA3

3. Mrs Wu spent  $\frac{1}{6}$  of her money on a dress and 2 blouses. The dress cost 3 times as much as each blouse. Mrs Wu spent  $\frac{3}{4}$  of her remaining money on a watch. She spent \$220.50 more on the watch than on the dress. (PSLE 2020)

(a) What fraction of Mrs Wu's money was spent on each blouse?

(b) How much money did Mrs Wu have at first?

4. Mrs Koh spent  $\frac{1}{5}$  of her money on a necklace and 3 bracelets. The necklace cost 4 times as much as each bracelet. Mrs Koh spent  $\frac{3}{4}$  of her remaining money on a handbag.

She spent \$272 more on the handbag than on the necklace.

(a) What fraction of Mrs Koh's money was spent on each bracelet?

(b) How much money did Mrs Koh have at first?