

# Clean Cars

You need  a classmate

## Activity

Room 4 students from Hillman Primary are making money for camp by grooming cars. All their equipment has been donated.

**Car wash Only \$3!**

**Vacuum, wash, and polish Only \$7!**

**Vacuum and wash \$5**

**Vacuum, wash, polish, and deodorise A bargain at \$10!**

The students keep a tally of the vehicles they groom:

	Saturday	Sunday
Wash	≡ ≡ ≡	≡ ≡
Vacuum and wash	≡ ≡ ≡	≡ ≡ ≡
Vacuum, wash, and polish	≡	≡ ≡ ≡
Vacuum, wash, polish, and deodorise		≡



- ①. At the end of the weekend, the students work out how much money they made from each type of car grooming.

Three students explain their strategies for working out the money earned on the \$5 vacuum and wash on Saturday:

a.

**Sam**



There are 16 tally marks.  
I know  $10 \times 5 = 50$   
and  $6 \times 5 = 30$ , so ...

b.

I know that 2 fives make 10, so  
16 fives is the same as  tens or ...

**Tanya**



c.

**Ariana**



I rounded 16 to 20 because I know  
that  $20 \times 5 = 100$ . Then I took off  
20 because ...

Complete each student's strategy and explain it to a classmate.

- ②. a. How much money did Room 4 make each day from each service? Set out your answers as a table.
- b. Explain the strategies you used to work out your answers.
- c. How much money did Room 4 make altogether?

- ③. Which car grooming service made the most money on:

a. Saturday?      b. Sunday?

④.

We want to raise \$550 to help  
with our camp fees.



How much does Room 4 still need to raise?