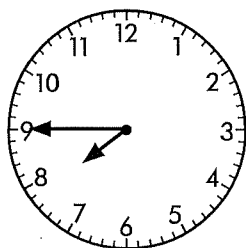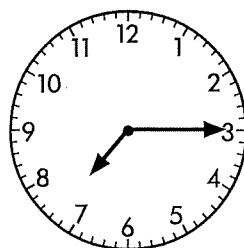# Telling time – quarter to and quarter past

When the minute hand is on 9, it is 15 minutes to the hour or it has a quarter of the way to go before it reaches the hour.
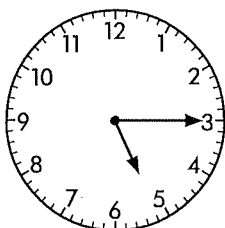
A quarter to 8

A quarter past 7

When the minute hand is on 3, it is 15 minutes past the hour or it has gone a quarter of the way around the clock face.

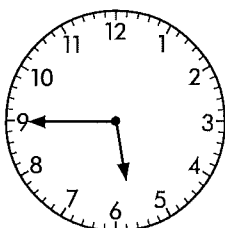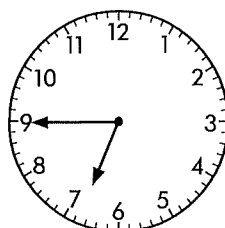**1** Write either 'past' or 'to' in the blanks:
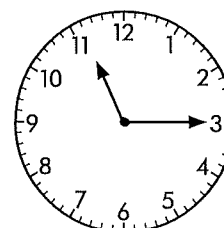
a A quarter _____ 5.
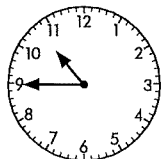
b A quarter _____ 6.

c A quarter _____ 7.

d A quarter _____ 11.

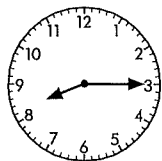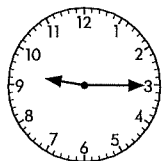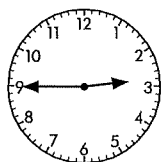**2** Draw a line to connect each clock to its time label. Each clock has more than one label.

15 minutes past 9

a quarter to 3

a quarter past 8

15 minutes past 4

15 minutes past 8

15 minutes to 11

a quarter past 4

15 minutes to 3

a quarter to 11

a quarter past 9

Remember that a quarter of an hour is 15 minutes. That is why we say a quarter past and a quarter to.

REMEMBER

Time
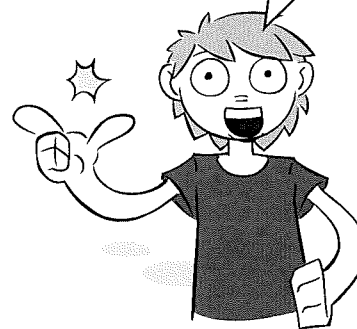
1. Shinji is 182 cm tall. Jane is 169 cm tall. If Brian is 15 cm taller than Jane, what is the combined height of all three people?
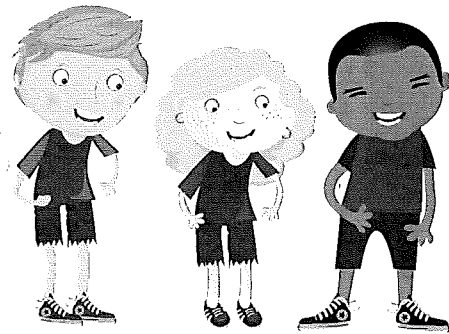
2. What is the difference between the largest and smallest number that can be made with the digits 6, 4, 9, 3, 0, 2?
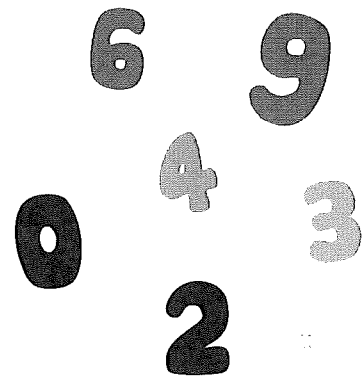
3. Janine wanted to buy a new laptop. The laptop costs $1299, but has been reduced by $249. If Janine has $3423 in savings, how much money will she have left after she purchases the discounted laptop?
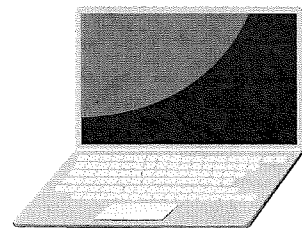
4. The red team played five games of football. They lost the first game 1-3. They won the second and third games 2-1 and 4-0 respectively. The fourth game was a 2-2 draw. If they scored 12 goals and conceded 7 over the five games, what was the score of the last game?
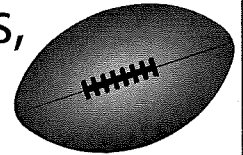
Mohammad has forgotten his password! He knows the first number and had written down sums to calculate the other three numbers. The third number equals the second number plus the first. The fourth number equals the third number minus 2. The second number equals the first number plus 4. If the first number is 2, what is the password?

2 ● ● ●
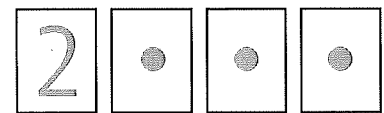
6. In a game of darts, my opponent had scored 321 points. I was 126 points behind my opponent and then scored the following points: 60, 6, 5, 3, 18, 5, 14, 22. Am I winning or losing?

7. Neil decided to train for cross-country. On the first day of training he ran 3.2 km. On the second day he ran 5.4 km. On the 3rd and 4th day he ran a total of 8.9 km. If he ran 22 km in total after five days of training, how far did he run on the fifth day?

**8.** There were 93 people on the high-speed train. 23 got off at the first station and 48 got off at the third station. If there are 5 people left on the train at the fourth station, how many got off at the second station?

9. A shop buys skateboards for $83 and sells them for $159.95. If they have a sale and sell them for $20 less, what is the profit on each skateboard sold?

10. How many sandwiches were sold in total? 15 chicken were sold. Vegetarian sold 8 less than chicken. Beef was the most popular sandwich and sold 14 more than vegetarian.
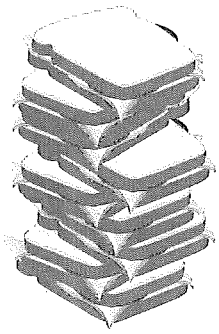
11. A total of 96 239 fans attended the grand final of the World Cup. If 36 829 supported Germany and 48 293 supported Argentina, how many neutral supporters were in the stadium?
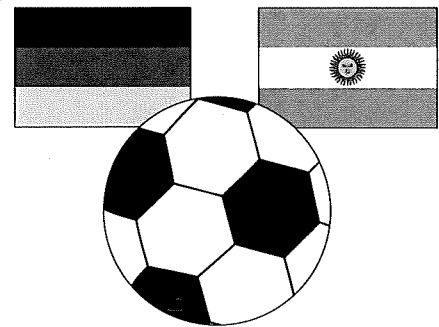
12. Susan loves sushi! She ordered a plate with 4 chicken and avocado rolls, 6 California rolls and 3 prawn rolls. Her second plate had two less of each. How many sushi rolls did she have in total?
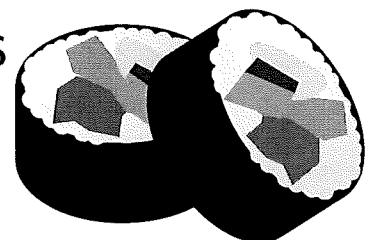
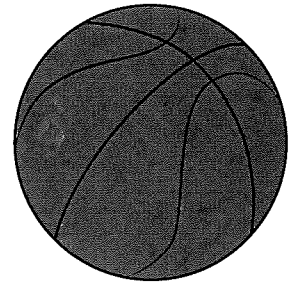**13.** Kevin is great at basketball. His team scored 24 points in the first quarter, 32 in the second, 19 in the third and 25 in the fourth. If his team mates scored 54 points, how many points did Kevin score?

14. Jill's family fly 8 432 km to arrive at their favourite holiday destination. They are in mid-air and have flown 6 212 km. If the plane's tank of fuel can allow it to fly for 12 000 km, how much further could they fly from their current location?
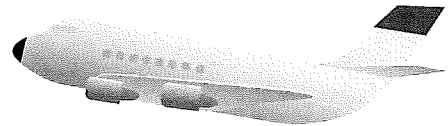
15. The class had their biggest exam of the year. The first half of the exam took 1 hour 40 minutes. They were allowed a 30 minute break before beginning the second part of the exam. If the exam began at 11.00 am and finished at 2.00 pm, how long did the second half of the exam take?

Name: _____   **Date:** _____

Addition Strategies

1. Find the Total

a) 2 + 2 =   f) 40 + 20 =

b) 6 + 4 =   g) 41 + 20 =

c) 8 + 7 =   h) 41 + 21 =

d) 12 + 6 =   i) 56 + 42 =

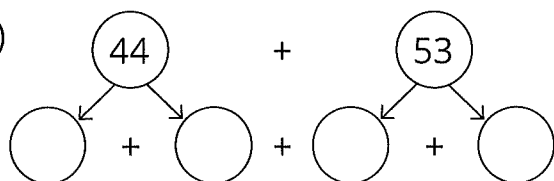e) 12 + 10 =   j) 35 + 28 =

2. Jump Strategy

a) 63 + 26 =

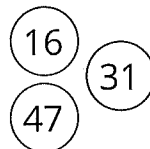b) 38 + 84 =

3. Split Strategy

a)

44   +   53

+   +   +

4. Linking Addition and Subtraction

a) Write as many number sentences as you can using these numbers.

16   31   47

5. Find the Total

a) 100 + 40 =

b) 150 + 40 =

c) 168 + 30 =

d) 342 + 167 =

e) 2497 + 1201 =

6. Word Problems

A town is building 42 houses this year and 15 houses next year. The town already has 856 houses. How many houses will there be in total?
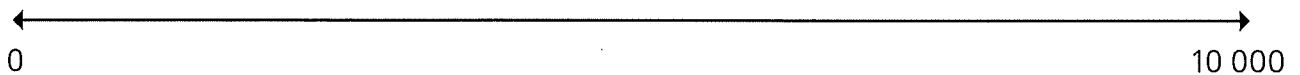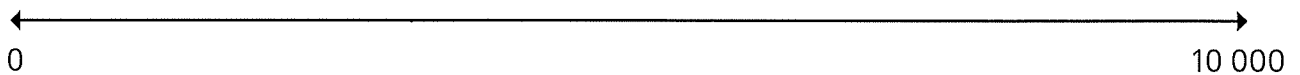
Name _____   Date _____

Place Value to Thousands (A)

① Place these numbers on the number lines provided.

a) 4800

←————————————————————————————→
0   10 000

b) 1500

←————————————————————————————→
0   10 000

c) 6999

←————————————————————————————→
0   10 000

② Write these numbers in words.

a) 2300

_____

_____

_____

b) 5750

_____

_____

_____

c) 9002

_____

_____

_____

③ Write these expanded notations as numerals.

a) 1000 + 600 + 30 + 1 = _____

b) 7000 + 50 + 8 = _____

c) 6000 + 80 + 2 = _____

d) 9000 + 900 + 90 + 9 = _____

e) 4000 + 300 + 70 = _____

NUMBER AND ALGEBRA

teachstarter