

# Coding Assessment



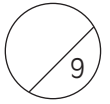
NAME: \_\_\_\_\_ GRADE/YEAR: \_\_\_\_\_

DATE: \_\_\_\_\_

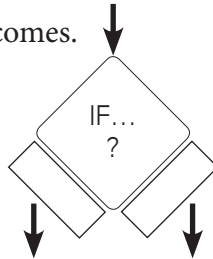
1) An algorithm is a set of \_\_\_\_\_ written with \_\_\_\_\_ .



2) What words do you know related to 'Coding'?

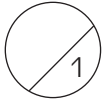
3) A question starting with IF often has two outcomes. Write them on the diagram.



4) Complete the missing parts in this pattern.



5) How many times does the step 'rotate 90° right' need to be repeated to turn 90° left?

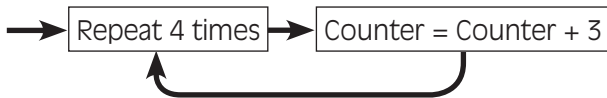


6) Tick the statements that are correct.

<input type="checkbox"/> 4 = 5	<input type="checkbox"/> 2 = 2	<input type="checkbox"/> 1 ≠ 1
<input type="checkbox"/> 3 < ● ●	<input type="checkbox"/> 5 < ● ● ● ● ● ●	<input type="checkbox"/>       >
<input type="checkbox"/> 6 ≥ 7	<input type="checkbox"/> 9 ≤ 9	<input type="checkbox"/> ● ● ● ● ≥ 5
<input type="checkbox"/> 6 ≤ 7	<input type="checkbox"/> ● ● ● ● ≥ 4	<input type="checkbox"/> 8 NOT < 7



7) If a variable Counter = 12, what will the value of Counter be after this LOOP?



8) Play the cards, as shown, for three turns in a game. How many points do you get?



A) **IF** the card is BLACK: (TRUE) **Add the value of your card as points: ELSE** (FALSE) **Add 5 points**



B) **IF** card is PICTURE: (TRUE) **Add 10 points: ELSE** (FALSE) **Deduct 2 points**



C) **IF** card is > 6: **Add 2 points: ELSE** **Add 1 point**

9) If you played the cards in a different order what is the maximum points you can get?

