g	rear 2
Q1 Write in words 7544.	A1
Q2 Order the following numbers in descending order. 723, 11, 720, 899, 48	A2
Q3 Expand 949.	A3
Q4 Is the shaded section equal to a half, more than a half or less than a half?	A4
Q5 Use the jump strategy on an empty number line to calculate 68 + 87 =	A5
Q6 Complete the addition wheel. 20 9 12 1 13 7 28 11 15	A6 20 9 12 1 13 17 28 11 15
Q7 273 –196 =	A7
Q8 Isla went to the shopping centre with \$100 in her purse. She spent \$27 on a top and \$15 on a skirt. How much money did she have left?	A8
Q9 The total cost of a hammer and a drill is \$45. If the drill costs \$35 more than the hammer, what is the cost of the hammer?	A9
Q10 43 chocolates are packed into boxes of 6. What is the least number of boxes required to pack all of the chocolates?	A10
Q11 A donut shop menu shows the following price deals. What is the most number of donuts that can be bought for \$30? O O O O O O O O O O O O O O O O O O O	A11
\$2 \$10 \$12	
Q12 Sylvia got paid \$16 for packing 4 orders. How many orders does she need to pack to earn \$32?	A12
Q13 Use the near doubles strategy. 43 + 44 =	A13

Q14 What is the volume of the egg?

—250 mL —200 mL —150 mL —100 mL — 50 mL -250 mL -200 mL -150 mL -100 mL -50 mL A14

Q15 What date is the 3rd Monday in December 2020?

December 2020						
Mon	Tue	Wed	Thu	Fri	Sat	Sun
31	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27

31

30

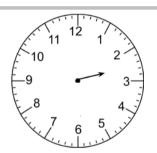
29

December 2020

A15

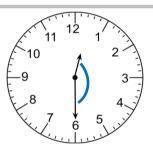
Q16 The clock has lost its minute hand. What could be the time?

- A) 2 o'clock
- B) half past 2
- C) 3 o'clock
- D) half past 3



A16

Q17 What type of angle is formed by the hands of the clock?



A17

Q18 How many sides does a pentagon have?

A18

Q19 For the grid, what letter is next to D on its right?

D	Α	Т
M	Z	Υ
٧	С	Х

A19

Q20 How many TV shows watched on Thu and Fri in total?

Activity	Mon	Tue	Wed	Thu	Fri
Books	0	1	1	0	1
Games	5	7	12	6	2
Marbles	20	14	15	10	8
TV	3	7	9	4	5

A20

Diagnostic Test - Answers

Q.	Answer
Q1	seven thousand, five hundred and forty-four
Q2	899, 723, 720, 48, 11
Q3	949 = 900 + 40 + 9
Q4	more than half
Q5	155 +60 +3 +5 147 150 155 Start Finish
Q6	20 9 17 9 12 1 13 19 11 8 + 5 19 13 7 28 11 15
Q7	77
Q8	\$58
Q9	\$5
Q10	8 boxes
Q11	19 donuts
Q12	8 orders
Q13	87

Q.	Answer
Q14	50 mL
Q15	21st
Q16	B (half past 2)
Q17	obtuse
Q18	5
Q19	A
Q20	9

Grade	Outcome	Outcome %	
Α	Excellent	85 - 100	17 - 20
В	Good	70 - 84	14 - 16
С	Satisfactory	51 - 69	10 - 13
D	Limited	31 - 50	6 - 9
Е	Very Low	26 - 30	5 - 5
F	Fail	0 - 25	0 - 4