Brilliance Tuition Centre, Redbank Plains

Answer the following questions:

1	Which number sentence is correct when *'m'* is replaced by 7? a) $7 + m = 10$ b) $m - 5 = 3$ c) $20 - m = 13$ d) $12 + m = 21$	
2	Mary left for the market at 9:45 am. She reached there at 10:05 am. How long did she take to get to the market?	
3	$167.84 + 23.56 =$	
4	A big container can hold 1200 litres of water. At present, it has 900 litres of water. a) What percentage of the container has been used? b) What percentage of the container has not been used?	
5	Ajay made some cakes. He decorated each cake with 2 red chocolate gems and 5 green chocolate gems. He used 24 red chocolate gems altogether. a) How many cakes did he make altogether? b) How many green chocolate gems did he use altogether?	
6	Margaret starts with a number. She triples it and then subtracts 12 to get an answer of 63. What number did she start with?	
7	Nancy tosses a coin five times and got heads up each time. She tosses it a sixth time. Which of the following is true? a) More likely to land heads up than tails up. b) It is certain to land tails up. c) It has an equal chance of landing heads up or tails up. d) It is more likely to land tails up than heads up.	
8	Write all the prime numbers less than 20.	
9	$238.96 – 126.87 =$	
10	5 cups of mango syrup are used to make 2 cups of smoothie. How many cups of mango syrup are needed to make 6 cups of smoothie? –	
11	Amrutha went to the office at 8:00 am. She came back after 8.5 hours. At what time did she reach home?	

12	The time difference between Brisbane and Singapore is 2 hours. When it is 8:00 am in Singapore, it is 10:00 am in Brisbane. Dania, who lives in Singapore called Tracy when it is 10:56 am in Singapore. What time is it in Brisbane?	
13	There are 1200 birds in a bird park. One-third of them are parrots. The rest are pigeons. One-quarter of the pigeons are grey in color. How many grey pigeons are there in total?	
14	Find the value of the following: (a) 139.065 x 10 = (b) 139.065 x 100 = (c) 139.065 x 1000 = (d) 139.065 ÷ 10 = (e) 139.065 ÷ 100 = (f) 139.065 ÷ 1000 =	
15	Jane made 54 pies. Some of the pies were made of pork and some were made of ham. Both looked the same outside. Harry took a pie. He had a 1 in 9 chance of taking a ham pie. How many pork pies did Jane make?	
16	The mass of 1200 milliliters of sugarcane juice is 600 grams. (a) How many millilitres is 5.6 kilograms of sugarcane juice? (b) How many litres is 5.6 kilograms of sugarcane juice?	
17	The total cost of 12 trains is $72 million. Each train cost the same amount. How much did each train cost?	
18	The length and width of a rectangular shape are 239.06 cm and 56.64 cm respectively. (a) Calculate its area (b) Calculate its perimeter in cm (c) Calculate its perimeter in m	
19	The height of a stack of paper bundle is 43600 mm. Each paper bundle has a thickness of 25 mm. How many paper bundles are in the stack?	
20	Which number is missing from this number sentence? (117.8 – 17.6) × ? = 502.002	

MATHS WORKSHEETS- YEAR 7 NAPLAN   MODEL QUESTIONS- 1

Answer Key:

1. c

2. 20 minutes
3. 191.40

4. (a) 75% (b) 25%

5. (a) Total cakes = 12 (b) Green = 60
6. 25

7. c

8. 2, 3, 5, 7, 11, 13, 17, 19

9. 112.09

10. 15 cups of mango syrup
11. 4:30 PM

12. 12:56 pm in Brisbane
13. 200

14. (a) 1390.65 (b) 13906.5 (c) 139065 (d) 13.9065 (e) 1.39065 (f) 0.139065

15. 48 pork pies

16. (a) 11200 ml (b) 11.2 litres

17. 6 million= 6,000,000

18. (a) Area = 13,540.358 cm2 (b) 591.4 cm (c) 5.914 m

19. 1744

20. 5.01