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| Year  9 | | Basic Measurement Practice Test | | Calculator |
| Short Answer Section | Name : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
|  | Write all working and answers in the spaces provided on this Practice Test paper. | | | |
| 1. | A rectangular field measures 720 metres by 250 metres. What is the perimeter of the field?  ..........................................................................................................................................................    ........................................................................................................................................................ | | | |
| 2. | What is the circumference of the circle shown?  .........................................................................  ......................................................................... | | | |
| 3. | The capacity of the plastic drinking cups at a picnic is 250 mL. The water cooler holds 16 litres. How many cups could be filled from the water cooler?  ..........................................................................................................................................................    .......................................................................................................................................................... | | | |
| 4. | A car travels at an average speed of 90 km/h. How long would it take to travel 315 km?  ..........................................................................................................................................................    .......................................................................................................................................................... | | | |
| 5. | Angela watches a DVD on a rainy Saturday. She starts watching at a quarter past eleven in the morning. If the DVD lasts for 110 minutes, what time would it finish?  ..........................................................................................................................................................    .......................................................................................................................................................... | | | |
| 6. | The speedometer shows the airspeed of an aircraft. What speed does it currently show?  ........................................................................................    ........................................................................................ | | | |
| 7. | A train leaves Lithgow at 7:39 a.m. and arrives at Sydney at 10:09 a.m. If the distance by rail is 140 km, what was the train’s average speed?  ..........................................................................................................................................................    .......................................................................................................................................................... | | | |
| 8. | Find the cost of fencing the field shown below at a rate of $12.50 per metre.  ..........................................................................................................................................................    .......................................................................................................................................................... | | | |
| 9. | Bricks weigh 2.4 kg each. A wooden pallet for stacking the bricks weighs 19.2sc kg. A forklift is used to lift the pallet stacked with bricks. The forklift has a maximum lifting capacity of 1.2 tonnes. How many bricks could be stacked on a pallet to be lifted by the forklift?  ..........................................................................................................................................................    .......................................................................................................................................................... | | | |
| 10. | A petrol container holds 5 litres of fuel. The engine for a remote control car has a petrol tank that holds 200 millilitres of fuel. How many times could the tank be filled from the container?  ...................................................................................................................    .................................................................................................................. | | | |

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| Year  9 | | Basic Measurement Practice Test | | Calculator |
| Multiple Choice Section | Name : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
|  | Mark all your answers on the accompanying multiple choice answer sheet, not on this Practice Test paper. You may do any working out on this Practice Test paper. Calculators are allowed for this section. | | | |
| 1. | Which of the following distances is twice 700 metres?  A. 14 000 cm B. 14 km C. 1.4 km D. 14 000 000 mm | | | |
| 2. | Jack checks the cinema guide and sees that a movie starts at 18:55. If he finishes work at 4:30 pm, how long does he have before the movie starts?    A. 2 hours and 25 minutes B. 1 hour and 25 minutes  C. 2 hours and 35 minutes D. 14 hours and 25 minutes | | | |
| 3. | What is the perimeter of the semicircle shown?  A. 20.1 cm  B. 16.5 cm  C. 10.1 cm  D. 24.5 cm | | | |
| 4. | What is the perimeter of the shape shown?  A. 325 m  B. 391 m  C. 461 m  D. 650 m | | | |
| 5. | Rachel wants to see a movie that starts at 7:05 pm. She leaves home and takes a 25 minute ferry ride to get to her friend’s house where she stays for an hour and a half, before they take a bus which takes three quarters of an hour to get to the movies. What time did she leave home, if they arrive 10 minutes before the movie starts?  A. 3:55 pm B. 4:15 pm C. 4:25 pm D. 5:05 pm | | | |
| 6. | What is the amount of liquid in the measuring cylinder?  A. 8.5 litres.  B. 8.2 litres.  C. 0.85 litres.  D. 0.82 litres. | | | |
| 7. | A dam on a farm holds 4 500 kilolitres of water. How many litres is this?  A. 4.5 litres B. 4 500 000 litres  C. 0.45 litres D. 4 500 000 000 litres | | | |
| 8. | The area of Kings Park is 15 hectares.  The area of Central Park is 3 000 m2.  Which is the correct comparison of the sizes of the parks?    A. Central Park is 20 times larger than Kings park.  B. Central Park is 200 times larger than Kings park.  C. Kings Park is 5 times larger than Central park.  D. Kings Park is 50 times larger than Central park. | | | |
| 9. | A running track has two straights which each measure 100 m long and two semicircular sections with a diameter of 64 m. What is the length of the track?  A. 401 m B. 301 m  C. 328 m D. 358 m | | | |
| 10. | Pups meas.jpgSandra measures the mass of her new puppies.  The Dashund weighs 4.9 kg and the Cavoodle weighs 5 200 g.  What is the total mass of the two puppies?   1. 5.42 kg B. 9.11 kg C. 10.1 kg D. 56.9 kg | | | |

Basic Measurement Practice Test

Multiple Choice Section

Answer Sheet

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Completely fill the response oval representing the most correct answer.

1. A B C D

2. A B C D

3. A B C D

4. A B C D

5. A B C D

6. A B C D

7. A B C D

8. A B C D

9. A B C D

10. A B C D