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| Year  10 | | Introductory Trigonometry Practice Test | | Calculator |
| Short Answer Section | Name : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
|  | Write all working and answers in the spaces provided on this Practice Test paper. | | | |
| 1. | In the diagram  ....................................................................  ................................................................... | | | |
| 2. | Find the value of  correct to 2 decimal places.  .......................................................................................................................................................... | | | |
| 3. | If  find the value of *A* to the nearest degree.  .......................................................................................................................................................... | | | |
| 4. | Find the distance PQ correct to one decimal place.  .....................................................................  .....................................................................  ..................................................................... | | | |
| 5. | What is the value of *y*, correct to 2 significant figures?  .....................................................................  .....................................................................  ..................................................................... | | | |
| 6. | Find the size of  correct to the nearest degree.  .....................................................................  .....................................................................  .....................................................................  ..................................................................... | | | |
| 7. | Find the value of  correct to the nearest degree.  .....................................................................  .....................................................................  .....................................................................  ..................................................................... | | | |
| 8. | Calculate the distance *XY*.  ...........................................................................  ...........................................................................  ...........................................................................  .......................................................................... | | | |

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| Year  10 | | Introductory Trigonometry 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. | In the diagram  A.  B.  C.  D. | | | |
| 2. | What is the value of  A.  B.  C.  D. | | | |
| 3. | Evaluate  correct to 2 decimal places.  A. 0.70 B. 0.76 C. 0.05 D. 0.71 | | | |
| 4. | If  calculate the size of angle *X* to the nearest degree  A. 13o B. 4o C. 77o D. 12o | | | |
| 5. | Find the value of *p* correct to one decimal place.   1. 10.5 cm 2. 59.7 cm   C. 32.3 cm  D. 110.0 cm | | | |
| 6. | Find the size of angle X, correct to the nearest degree.  A. 55o     1. 35o   C. 30o  D. 60o | | | |
| 7. | What is the value of  ?  A.  B.  C.  D. | | | |
| 8. | Find the value of  correct to the nearest degree.  A. 39o  B. 51o  C. 32o  D. 58o | | | |
| 9. | Find the distance *PQ*, correct to the nearest metre.  A. 68 m    B. 63 m  C. 377 m  D. 147 m | | | |
| 10. | Find the value of *w* correct to one decimal place.   1. 25 km 2. 31 km   C. 12 km  D. 66 km | | | |

Introductory Trigonometry 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