

# 4L Term 1 & 2 Revision Test

## A. Consumer Arithmetic

Have you made a profit or a loss? Complete the table below.

An example has been given to you in the table for guidance.

| Item | Cost Price | Selling Price | Profit or Loss | Amount     |
|------|------------|---------------|----------------|------------|
| E.g. | \$3,000.00 | \$5,000.00    | Profit         | \$2,000.00 |
| 1    | \$564.70   | \$280.92      |                |            |
| 2    | \$337.05   | \$565.80      |                |            |

4. I make a profit of \$25.50 on a mug. I bought it for \$7.90.

a. How much did I sell it for? \_\_\_\_\_

5. I bought a pair of sandals for \$140.99. I make a loss of \$35.00.

a. How much did I sell it for? \_\_\_\_\_

## B. Percentages

Complete the following table by converting the following percentages to fractions (simplest form) and decimals.

| #    | Percentages | Fractions    | Reduced Fraction | Decimals |
|------|-------------|--------------|------------------|----------|
| E.g. | 20%         | $20 \div 5$  | 4                | 0.20     |
|      |             | $100 \div 5$ | 20               |          |
| 1    | 14%         | $\div$       |                  |          |
|      |             | $\div$       | 50               |          |
| 2    | 75%         | $\div 25$    |                  |          |
|      |             | $\div 25$    |                  |          |
| 3    | 36%         | $\div$       | 9                |          |
|      |             | $\div$       |                  |          |

Find the percentage of each quantity.

a. 35% of \$104.00: \_\_\_\_\_

b. 6% of \$89.00: \_\_\_\_\_

### C. Hire Purchase

Complete the table below by finding the Deposit and Hire Purchase values for the following items. One example has been provided for your guidance.

| #   | Item             | Cash Price | Installments    | Deposit |          | Hire Purchase price (\$) |
|-----|------------------|------------|-----------------|---------|----------|--------------------------|
|     |                  |            |                 | %       | \$       |                          |
| E.g | T.V              | \$9,050.00 | 8 of \$1,500.00 | 5%      | \$452.50 | \$12,452.50              |
| 1   | Dining table set | \$4,644.00 | 6 of \$700.00   | 22%     |          |                          |
| 2   | Bar chair set    | \$2,875.00 | 12 of \$290.00  | 9%      |          |                          |

### D. Lines, Angles and Directions

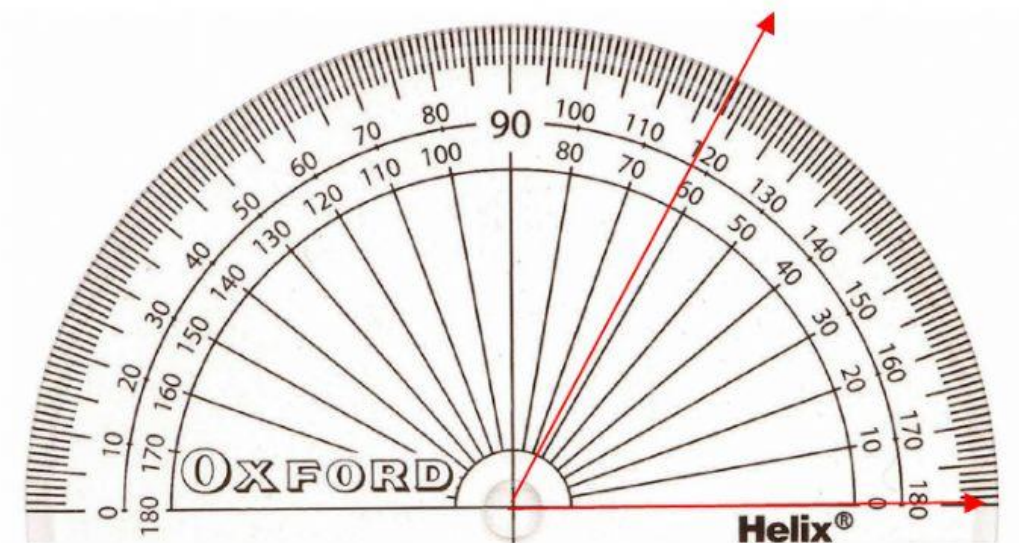
Drag the pencil to match each word with the correct definition.

| Terms               | Match | Definition                                                         |
|---------------------|-------|--------------------------------------------------------------------|
| Intersecting lines  |       | An exact location.                                                 |
| Cardinal directions |       | Two or more lines that travel in the same direction by never meet. |
| Parallel lines      |       | Two lines that cross to form a right angle.                        |
| Point               |       | Part of a line having one end point.                               |
| Angles              |       | The four main points of a compass, also known as cardinal points.  |
| Perpendicular lines |       | Part of a line having two endpoints.                               |
| Ray                 |       | Two or more lines that cross or meet each other at a point.        |
| Line segment        |       | The shape formed when two lines meet at a vertex.                  |

Carefully read the following angles and state the size of the angle and the type of angle in the boxes provided.

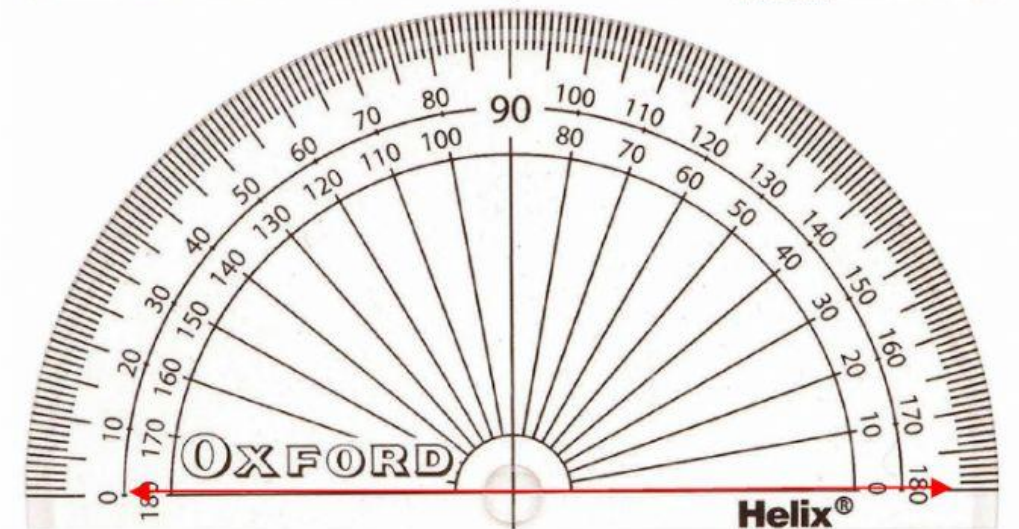
Size:

Angle:



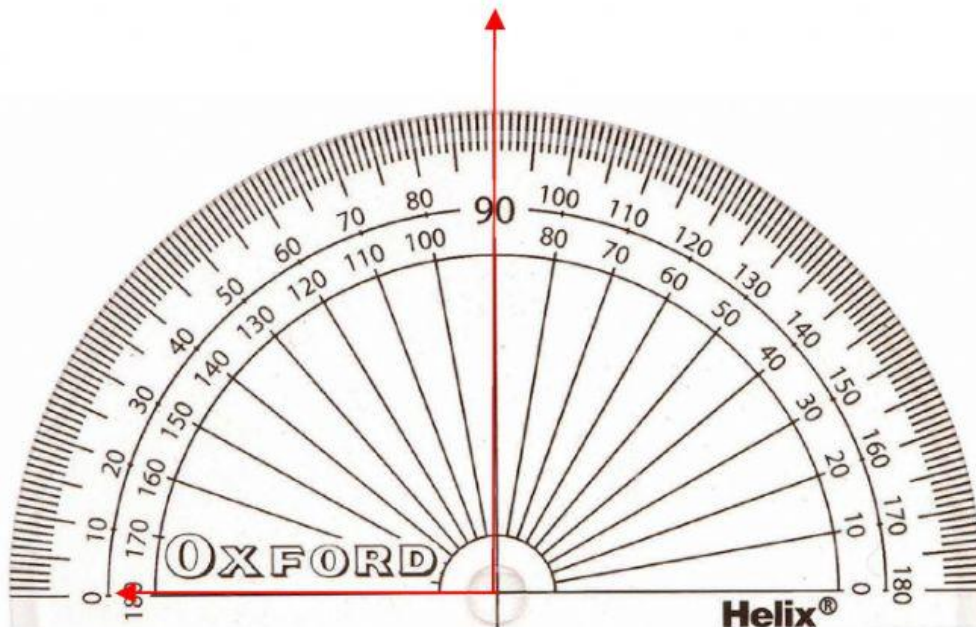
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Angle:



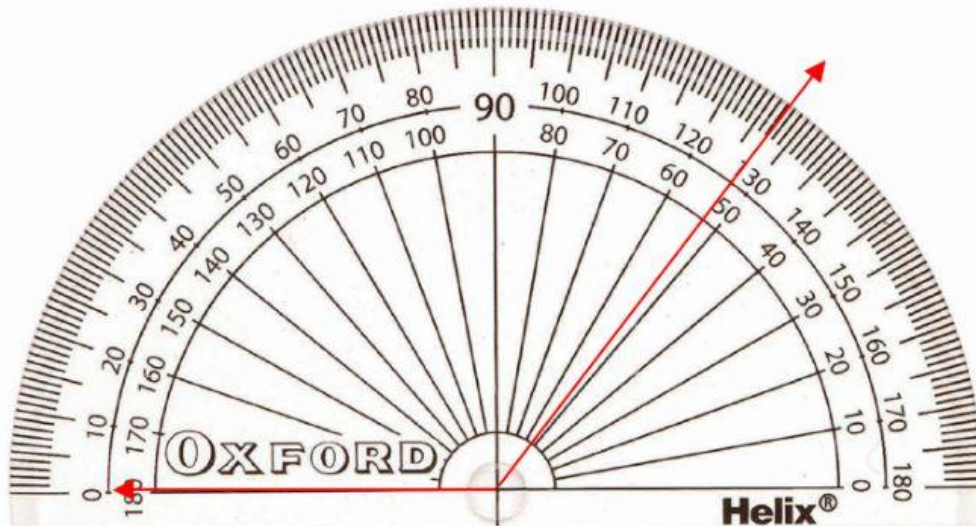
Size:

Angle:



Size:

Angle:



C. Select True or False for the following statements.

1. The cardinal point between North and East is NE. \_\_\_\_\_
2. Parallel lines make acute angles. \_\_\_\_\_
3. A full angle is exactly  $360^\circ$ . \_\_\_\_\_
4. The cardinal point between South and West is SW. \_\_\_\_\_
5. Obtuse angles are bigger than  $90^\circ$  but smaller than  $180^\circ$ . \_\_\_\_\_