**HENRY PARK PRIMARY SCHOOL**
**2024 WEIGHTED ASSESSMENT 2**
**MATHEMATICS**
**PRIMARY 4**

30

**Name:** _____ ( ) **Class:** P4 _____

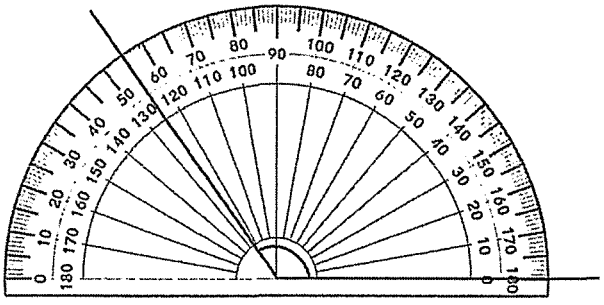
**Date:** _____

**Duration:** 40 minutes **Parent's Signature:** _____

## SECTION A: Open-Ended Questions (16 marks)

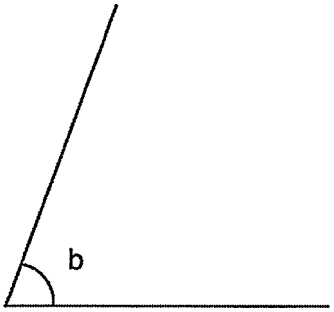
Questions **1** to **8** carry 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

**1.** **(a)** What is the size of the angle shown in the figure below?



Ans: (a) _____ °

**(b)** Measure ∠b with a protractor.



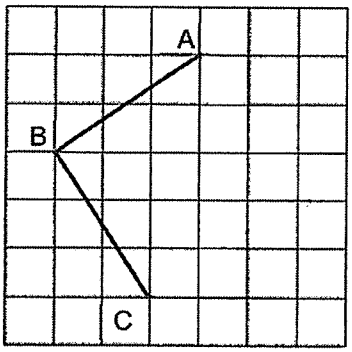

Ans: (b) _____ °



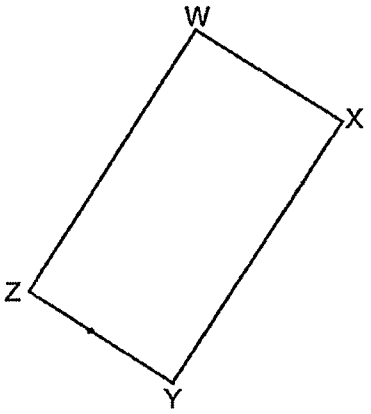


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2. (a) The square grid shows sides AB and BC of square ABCD. Complete square ABCD by drawing 2 more lines on the grid. Label the square.




(b) Rectangle WXYZ is shown in the diagram below. Which line is parallel to YZ?




Ans: _____





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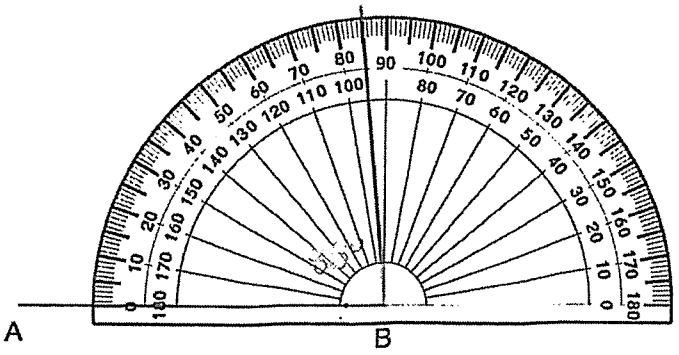
3. (a) What does the digit 4 in 687.42 stand for?

Ans: (a) _____

(b) What is the value of 3 ones + 7 tenths + 8 hundredths + 1 thousandths?

Ans: (b) _____

4. Using line AB given below, draw ∠ ABC = 85º. Mark and label the angle.








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**5.** **(a)** Express $3\frac{3}{5}$ as a decimal.

Ans: (a) _____

**(b)** Express 0.25 as a fraction in its simplest form.

Ans: (b) _____

**6.** Arrange the following numbers in **increasing** order.

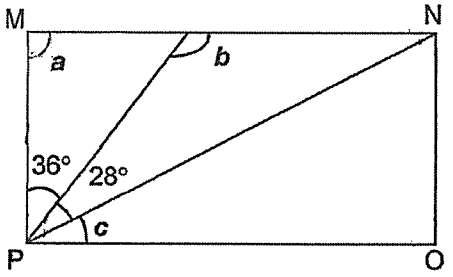
$3\frac{1}{5}$ , 3.5 , 2.75 , $2\frac{1}{2}$

Ans: _____, _____, _____, _____



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7. In the figure below, MNOP is a rectangle.
The figure below is not drawn to scale.




**(a)** Each statement below is either true or false. For each statement, put a tick in the correct column.

| Statement | True | False |
|---|---|---|
| i) $\angle a$ is a right angle. | | |
| ii) $\angle b$ is an acute angle. | | |

**(b)** Find the size of $\angle c$.

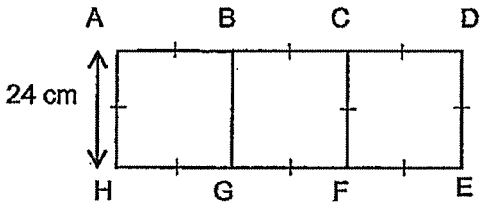
Ans: (b) _____ °





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**8.** ABGH, BCFG and CDEF are three similar squares. Find the length of HE.




Ans: _____ cm



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## SECTION B: Problem Sums (14 marks)

For questions 9 to 12, show your working clearly and write your answers in the spaces provided. The number of marks available is shown in the brackets [ ] at the end of each question or part-question.

**9.** Parry had 6 litres of orange juice. He poured the juice equally into 8 glasses and had 0.4 litres left. How many litres of orange juice was there in each glass?

Ans: _____ [3]





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**10.** Sirus and Emma had $538 altogether. After Sirus gave Emma $16.70, both of them had the same amount of money. How much money did Emma have at first?

Ans: _____ [3]



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11. Jenny has 3 different coloured ribbons. The pink ribbon is 4.58 m long. The blue ribbon is 1.655 m shorter than the pink ribbon. The yellow ribbon is 2.765 m longer than the blue ribbon.
a) What is the length of the blue ribbon?
b) What is the total length of all the ribbons? Round off the answer to the nearest 1 decimal point.

Ans: (a) _____ [1]

(b) _____ [3]





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12. Two boxes of colour pencils and three files cost $31.60. Two boxes of colour pencils and five files cost $40. How much does seven such files cost?

Ans: _____ [4]

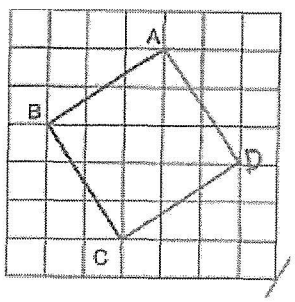
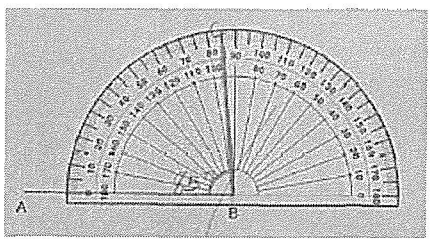
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*Setter: Ms Sim Ee Mei*



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SCHOOL : HENRY PARK SCHOOL
LEVEL : PRIMARY 4
SUBJECT : MATH
TERM : 2024 WA2

| | |
|---|---|
| Q1) | a)125°<br>b)70° |
| Q2) | a)<br><br><br>b)XW |
| Q3) | a)0.4<br>b)3.781 |
| Q4) | <br> |
| Q5) | a)3.6<br>b) ¼ |
| Q6) | 2½ , 2.75, $3\frac{1}{5}$, 3.50 |
| Q7) | a)i)true ii)False<br>b)180 – 36 – 28 = 26° |
| Q8) | 24 x 3 = 72 cm |
| Q9) | 6 – 0.4 = 5.6<br>5.6 ÷ 8 = 0.7L |
| Q10) | 538 ÷ 2 = $269<br>269 – 16.70 = $252.30 |

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| | |
|---|---|
| Q11) | a)4.58 – 1.655 = 2.925m<br>b)2.925 + 2.765 = 5.69<br>2.925 + 4.58 + 5.69 = 13.195 = 13.2m |
| Q12) | 2 files = 40 – 31.60 = $8.40<br>1 file = 8.40 ÷ 2 = $4.20<br>7 files = 4.20 x 7 = $29.40 |



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