Teacher Name: Ambreen Badar Class: 8 Subject: Mathematics

**SUMMER VACATION HOME WORK**

Q1: In the given rhombus ABCD angle ABO = 25, find the size of the angles A

1. Angle AOB
2. Angle BAD

D O B

C

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Q2: The area scale of a map is 1cm2 : 0.09m2. Find the linear scale.

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of p .

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Q4: A map is drawn to a scale of 1: 20000. A field has an area of 6cm2 on the map . Find its

actual area in km2.

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Q5: In the diagram XY is parallel to PQ. Given that BC = CD and YCD = 78 calculate:

1. Angle CDB X D C Y
2. ngle DAB 78

P A B Q

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Q6: Expand (7x - 6y)2

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Q7: Express as a fraction with a single denominator.

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Q8: Make ‘x’ the subject of the given formula :

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Q9: Solve the simultaneous equations graphically:

2x – 5y = 32

2x + 3y = 0

Q10: Simplify

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