

**OXFORD INTERNATIONAL SCHOOL IQBAL CAMPUS**

**1st CHECK POINT 2024**

**Name: Grade: VII**

**Subject: Mathematics.**

**/25**

# Q1: Multiple Choice Questions. /5

1. Y = kx where k is \_\_\_\_\_\_\_(constant , variable , 1)
2. 4x ×.3x = (12x2 , 12x , none)
3. Directly proportional mean’s both quantities move in the \_\_\_\_\_ direction.

(Same, opposite, none)

1. X2 + X2 + X2 = (2x , 3x2 , 9)
2. 8 ÷ (4) = (4 , - 4 , 2)

# Q2: Fill in the blanks. /5

1. Inverse proportion mean’s both quantities move in \_\_\_\_\_\_\_\_ direction.
2. =
3. This symbol(∝) is called ∝= \_\_\_\_\_\_
4. 63 =
5. = \_\_\_\_

# /5

1. **if Q is directly proportional to P and Q = 28 when p = 4**
2. Express Q in terms of P.
3. Find the value of Q when P = 5
4. Calculate the value of P when Q = 25

# Q4: if x is directly proportional y3 and x = 32 when y =2.

# Find the equation connecting x and y. /5

# Find the value of x when y = 6.

# Calculate the value of y when x = 108.

# Q5: For each of the following equations, state the two variables which are directly /5

**proportional to each other explain your answer.**

1. Y = 4x2
2. Y =