

# Activity Worksheet

Challenging brain

Sub : Mathematics

Grade: IX

Date: .....

Name: .....

ID No.....

1. State whether the following statements are true or false. Justify your answer.

(i.)  $\frac{\sqrt{20}}{\sqrt{5}}$  is not rational as  $\sqrt{20}$  and  $\sqrt{5}$  are not integers.

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(ii.) Every integer is a whole number.

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(iii.) Locate  $\sqrt{10}$  on the number line.

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(iv.) Simplify  $\left[ 6 \left( 8^{\frac{1}{3}} + 64^{\frac{1}{3}} \right)^3 \right]^{\frac{1}{4}}$

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