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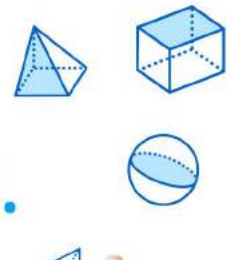

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Integer Word Problems Worksheets

1. A bird is flying 1200 feet above the sea level. At a particular point, it is directly above a fish floating at 400 feet below the sea level. By how much the bird must descend its flight to be as far as from the sea level, as the fish is?

2. The temperature of a hot iron rod drops by $8°C$ every hour. If the temperature of the iron rod is $118°C$, find the temperature after 4 hours.

3. Rice is sold at a profit of $\$4$ per kg. Find the overall profit if 150 kg of rice is sold.

4. Jack is playing a video game in which he wins 15 points for a win at the end of a level and loses 10 points at every foul. If he wins 20 levels and made 12 fouls, find the total points earned by him in the whole game.

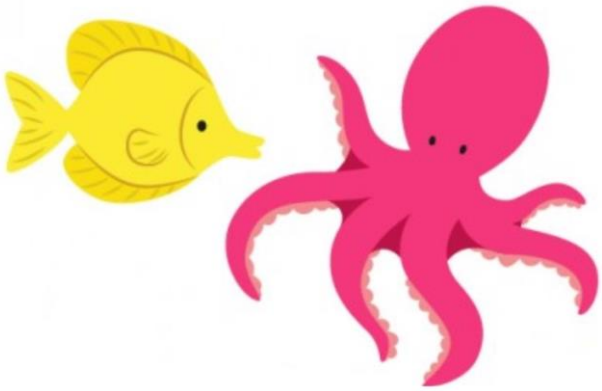
5. Jason is moving from his hometown to Alaska. He is expecting a big temperature change, and he is getting ready. The hottest it gets in his hometown is 32 degrees celsius. The coldest it gets in Alaska is approximately - 45 degrees celsius. What temperature change will Jason experience?

6. Adam is playing in a hotel pool. He enjoys jumping from the very cool pool (62 degrees) to the very hot Jacuzzi (118 degrees). What temperature change is Adam experiencing as he moves from pool to Jacuzzi?

7. Zaid just got 93 points on a report. However, because he was late with his submissions, his teacher is going to deduct 10 points. What will Zaid's final score on the report be?

8. Taylor lost 5 dollars to Mini while playing a card game. Mini then lost 20 dollars to Taylor in the second round. What amount did Mini lose in total?

9. The top of a mountain is 1240 feet above sea level. The bottom of its valley is 620 feet below sea level. What is the distance between the top of the mountain and the bottom of the valley?



10.Ryan was playing a game where catching a fish in the basket adds 10 points to his score. If he catches an octopus instead, he loses 5 points. What is his total if he catches 3 fish and 5 octopus?

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Why choose Cuemath?

"Cuemath is a valuable addition to our family. We love solving puzzle cards. My daughter is now visualizing maths and solving problems effectively!"

- Gary Schwartz

"Cuemath is great because my son has a one-on-one interaction with the teacher. The instructor has developed his confidence and I can see progress in his work. One-on-one interaction is perfect and a great bonus."

- Kirk Riley

"I appreciate the effort that miss Nitya puts in to help my daughter understand the best methods and to explain why she got a problem incorrect. She is extremely patient and generous with Miranda."

- Barbara Cabrera

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ANSWERS

1.	800 feet	6.	56 degrees
2.	$86°C$	7.	83 points
3.	$600	8.	$15
4.	180	9.	1860 feet
5.	77 degrees change	10.	5 points

FUN FACT

- An easy trick to remember the order of PEMDAS is "Please Excuse My Dear Aunt Sally".

- Many mnemonics following order of operations are used along with PEMDAS worldwide, like BODMAS, BEDMAS, and BIDMAS.