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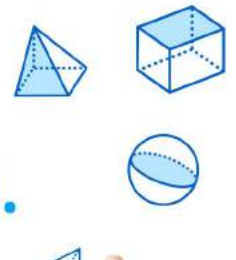

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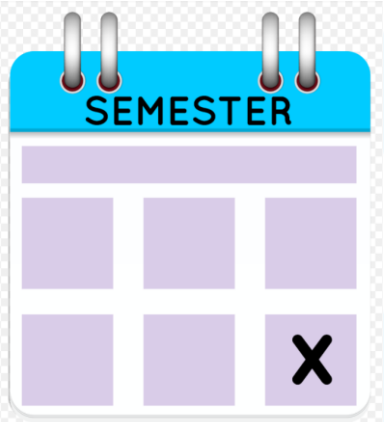
PERCENTAGE INCREASE AND DECREASE WORKSHEETS

1. The production Of wheat increases from 25 tons to 30 tons. The percentage increase in production of wheat is ___.

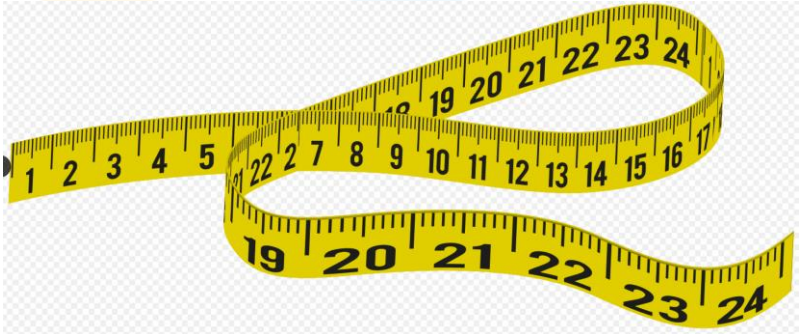
2. The semester fee for an accounting course has been increased from $3600 to $4500. Find the percentage increase in the fee per semester.



3. The increase of 12.5% over $1600 is ____.

4. Find the percentage change of the first quantity with reference to the second quantity: 72 units, 60 units.

5. The price of fuel has increased by 25%. By what price should the increased price of fuel be reduced so that the price of fuel remains unaltered?
(a) 18% (b) 20% (c) 25% (d) 30%



6. The population of a town first increased by 20%, and 15% in two successive years. What is the total increase in the population, across the two years?

7. While measuring a cloth of length 2 meters, it was measured as 1.95 meters. Find the percentage error in measuring the cloth.

8. A person received a monthly salary hike of 20% and the hike was $300. What was his monthly salary before this hike in salary?

9. Due to a delay in submission of assignment the marks of a student were decreased by 20% and he has received 160 marks. What could have been his marks in the assignment, if there was no delay in submission?
(a) 120 (b) 150 (c)200 (d) 250

10. Due to an error John misread a number 142, as 124. What is the error in reading the number?

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- Kirk Riley

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- Barbara Cabrera

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ANSWERS

1)	20.00%
2)	25.00%
3)	$1800
4)	Decrease of 16.67%
5)	(b). 20%
6)	38.00%

7)	2.50%
8)	$1500
9)	(c). 200
10)	12.60%

FUN FACT

1. Percentage is always calculated with reference to 100.
2. Percentage increase or decrease of a quantity is the change in the value of the quantity, divided with the initial value of the quantity, and expressed as a percentage.
3. Percentage symbol % can be removed by dividing the given value with 100.