PERCENTAGE

8

Q1. **Match the following percentages with fractions:**

65%	$\dfrac{17}{20}$
34%	$\dfrac{13}{20}$
8%	$\dfrac{17}{50}$
85%	$\dfrac{2}{25}$

Q2. **Express the following decimals as percentages.**

a. 0.14 = _____

b. 8.153 = _____

c. 0.009 = _____

Q3. **Find the missing values and fill in the blanks:**

a. 40% of 655 kg = _____

b. ___% of 800 paise = ₹ 2

c. 6% of _____ = 8.4 m

Q4. **Reena is 125 cm tall. Shreya is 8% taller than her. What is Shreya's height?**

Answer: _____

Q5. **In order to pass an exam, one must score atleast 40% marks. If Raju scored 200 marks and failed by 10 marks, find the maximum marks that can be scored.**

Answer: _____

Q6. **Mary's monthly salary is ₹ 50,000. She donates 5% of her salary to a charity organisation and saves 25% of it. Based on this information, fill in the blanks in the table given below:**

	Percentage of salary	Amount (in ₹)
Savings		
Charity		
Expenses		

Q7. **After using 30% of water, 3500 litres of water is left in the tank. Find the initial quantity of water in the tank.**

Answer: _____

Q8. **The price of a shirt is ₹ 580. There is an increase of 25% on its price. Find the increased price of the shirt.**

Answer: _____

Q9. **Sheetal bought 3m 50 cm of cloth from the market. She used 20% of the cloth to stitch a bag. How much cloth is still unused?**

Answer: _____

Q10. **The marks of 4 students of a class were recorded incorrectly. The table below lists the names of the students and their incorrect and corrected marks. Find the percentage increase or decrease of each student and fill in the blanks in the table:**

Name	Incorrect Marks	Corrected Marks	Percentage increase/ Decrease
Shreya	50	56	_____
Anu	75	72	_____
Karan	80	90	_____
Manoj	80	96	_____

ANSWERS

1.

65%	$\dfrac{13}{20}$
34%	$\dfrac{17}{50}$
8%	$\dfrac{2}{25}$
85%	$\dfrac{17}{20}$

2. a. 14%, b. 815.3%, c. 0.9%

3. a. 262 kg, b. 25, c. 140 m

4. 135 cm

5. 525 marks

6.

	Percentage of salary	Amount (in ₹)
Savings	25%	12,500
Charity	5%	2,500
Expenses	70%	35,000

7. 5000 litres

8. ₹ 725

9. 2m 80 cm

10.

Name	Incorrect Marks	Corrected Marks	Percentage increase/ Decrease
Shreya	50	56	12% increase
Anu	75	72	4% decrease
Karan	80	90	12.5 % increase
Manoj	80	96	20% increase