University of
South Australia

## Percentages (\%) - Practice Exercises

## Question 1

Calculate the portion of the original number depending on the given percentages:

| No. | Original number | Percentage | Answer |
| :--- | :--- | :--- | :--- |
| 1 | 16 | $3.7 \%$ |  |
| 2 | 125 | $11 \%$ |  |
| 3 | 1098 | $92 \%$ |  |
| 4 | 265 | $35 \%$ |  |
| 5 | 23 | $5 \%$ |  |

## Question 2

Change the following percentages into decimal points,

| No. | Percentage | Decimal |
| :--- | :--- | :--- |
| 1 | $37 \%$ |  |
| 2 | $0.87 \%$ |  |
| 3 | $235 \%$ |  |
| 4 | $65 \%$ |  |
| 5 | $3 \%$ |  |

## Question 3

You have bought a pair of jeans for $\$ 375$ at $15 \%$ discount. What would be the discount amount?

## Question 4

You have been paying $\$ 65$ monthly for a sim only plan since last year. Recently, you are thinking of adding a phone to the plan which would increase your monthly bill amount by $35 \%$. What would the new monthly plan rate be?

## Question 5

You were earning $\$ 18 /$ hour till last week but due to a pay rise, from this week your pay will be $\$ 22 /$ hour. By what percentage has there been a rise in the pay?

## Question 6

Annie was asked to change the price tags for some goodies in the shop by her manager. He said the prices are mistakenly $20 \%$ less than they need to be. Annie has a vase in hand which has a $\$ 630$ price tag on it. How much should the price be?

