✅ **Congratulations! You passed!**   **Go to next item**

Grade received 100%   To pass 80% or higher

1. Where is the **Goal Seek** tool located?   1 / 1 point

   ○ Right click on the cell that contains the calculation and go to **Goal Seek** on the menu that appears.

   ○ Go to the **Formulas** tab and in the **Data Tools** group locate **What-If Analysis** and it can be found there.

   ◉ Go to the **Data** tab and in the **Forecast** group locate **What-If Analysis** and it can be found there.

   ⊘ **Correct**
      Yes, that's correct. The Goal Seek tool is located in the drop down for the What If Analysis tools.

2. Which of the options below correctly explains the **Goal Seek** tool?   1 / 1 point

   ○ The **Goal Seek** tool through multiple iterations finds the corresponding outcome of a calculation to a
      specified input.

   ◉ The **Goal Seek** tool through multiple iterations finds what input value is necessary to obtain a certain set
      value for the calculation.

   ○ The **Goal Seek** tool can only be used when the calculation cell contains a simple arithmetic formula.

   ⊘ **Correct**
      Yes, that's the correct answer.

3.   1 / 1 point

	A	B
1	Quantity	
2	Revenue	=(10*B1)-(2*B1*B1)
3	Cost	=1+2*B1
4	Profit	=B2-B3
5		

   Refer to the worksheet above (**Revenue**, **Cost** and **Profit** are in $millions). When trying to find the **Quantity** that
   will result in a **Profit** of $12 million, using **Goal Seek**, the **Set Cell** is:

   ○ B1

   ○ 12

   ◉ B4

   ○ B2

   ○ B3

   ⊘ **Correct**
      Yes, you are right. B4 is the correct answer.

4.   1 / 1 point

	A	B
1	Quantity	
2	Revenue	=(10*B1)-(2*B1*B1)
3	Cost	=1+2*B1
4	Profit	=B2-B3
5		

   Refer to the worksheet above (**Revenue**, **Cost** and **Profit** are in $millions). When trying to find the **Quantity** that
   will result in a **Profit** of $12 million, using **Goal Seek**, the **To value** is:

   ◉ 12

   ○ B2

   ○ B1

   ○ B3

   ○ B4

   ⊘ **Correct**
      Great work! This is correct! The **To value** must be a specific number.

5.

	A	B
1	Quantity	
2	Revenue	=(10*B1)-(2*B1*B1)
3	Cost	=1+2*B1
4	Profit	=B2-B3
5		

Refer to the worksheet above (**Revenue**, **Cost** and **Profit** are in $millions). When trying to find the **Quantity** that will result in a **Profit** of $12 million, using **Goal Seek**, **By changing cell** is:

○ B4

○ B2

◉ B1

○ B3

○ 12

✓ **Correct**
Great work! Excel will change the value in B1 (Quantity) to generate a profit of $12.