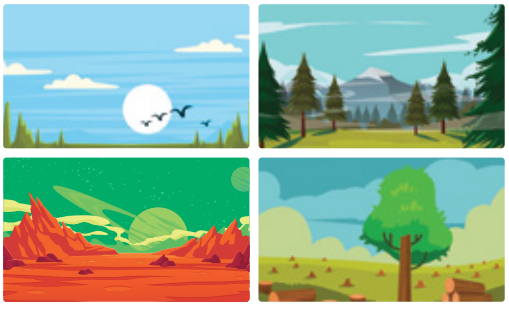
Decide whether two quantities are in a proportional relationship.
CCSS.MATH.CONTENT.7.RP.A.2.A | US_EN_07_MAT_C02_WS_m1

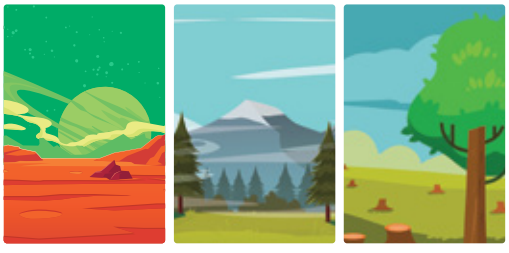
You edit photos and videos from your trek to post it on social media. Let's see how popular your posts go!

1 The images shown below are the photographs clicked in two orientations: landscape and portrait. Answer the following questions and write your answers in the boxes given below.

Landscape photographs



Portrait photographs



Number of landscape photographs = ☐

Number of portrait photographs = ☐

Ratio between the number of landscape and portrait photographs = ☐ : ☐

First equivalent ratio = 8 : ☐

Second equivalent ratio = ☐☐ : 9

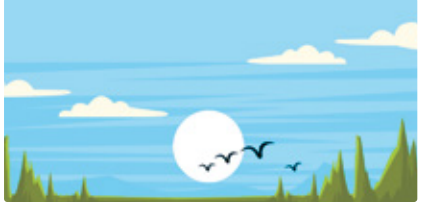
2 For every 10 photos clicked, 8 photos are clear and 2 blurry. Answer the following questions based on this statement.

Check the correct box that represents the equivalent ratio of clear to blurry photos.

☐ 4:5 ☐ 1:5 ☐ 4:1

If there are 25 blurry photos, circle the correct number of clear photos.

25 125 100



Decide whether two quantities are in a proportional relationship.
CCSS.MATH.CONTENT.7.RP.A.2.A | US_EN_07_MAT_C02_WS_m1

3 The following table shows the number of posts and likes gained. Based on the table, answer the following questions:

No. of posts on social media	No. of likes (in hundreds)
5	30
10	60

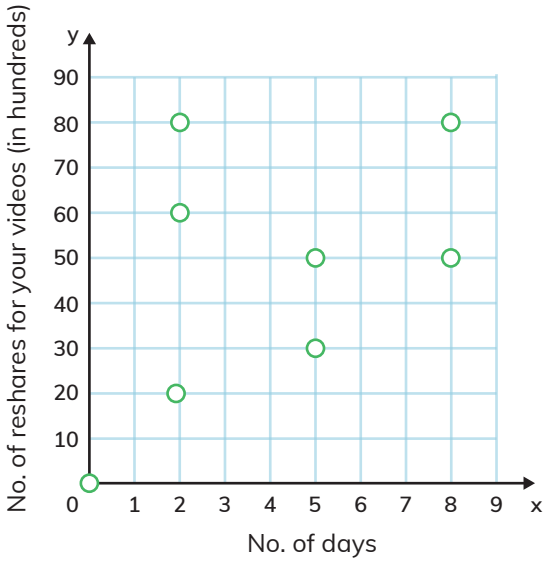
Does the given data form a proportional relation? Check the correct box.

True False

Find the no. of likes (in hundreds) if the no. of posts made are 15. Write your answer in the given boxes.

4 The following table shows the number of shares on your social media videos. Join the dots on the graph based on the table.

No. of days	No. of reshares for your videos (in hundreds)
2	20
5	50
8	80



The line joining the plotted points is a straight line. Circle the correct option.

True False

The line joining the plotted points passes through the origin. Circle the correct option

True False

The two quantities are _____ relationship. Check the correct box and complete the sentence.

not in proportional

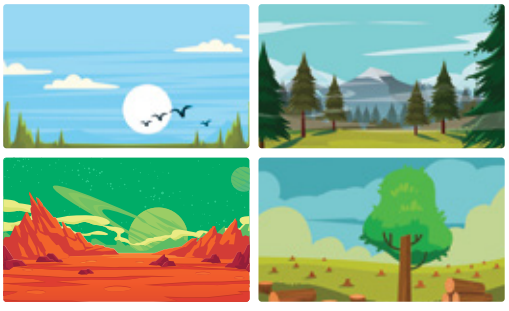
in a proportional

Decide whether two quantities are in a proportional relationship.
CCSS.MATH.CONTENT.7.RP.A.2.A | US_EN_07_MAT_C02_WSA_m1

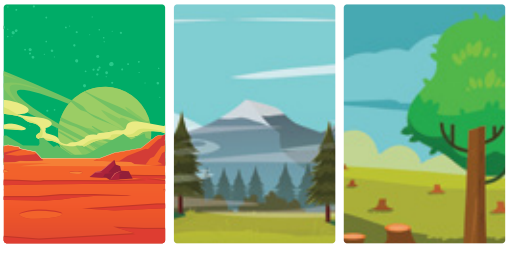
You edit photos and videos from your trek to post it on social media. Let's see how popular your posts go!

1 The images shown below are the photographs clicked in two orientations: landscape and portrait. Answer the following questions and write your answers in the boxes given below.

Landscape photographs



Portrait photographs



Number of landscape photographs = 4

Number of portrait photographs = 3

Ratio between the number of landscape and portrait photographs = 4 : 3

First equivalent ratio = 8 : 6

Second equivalent ratio = 1 2 : 9

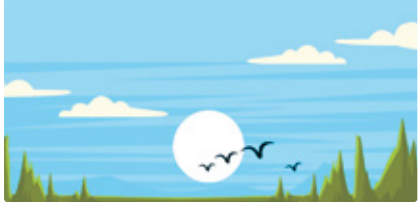
2 For every 10 photos clicked, 8 photos are clear and 2 blurry. Answer the following questions based on this statement.

Check the correct box that represents the equivalent ratio of clear to blurry photos.

☐ 4:5 ☐ 1:5 ☑ 4:1

If there are 25 blurry photos, circle the correct number of clear photos.

25 125 (100)



Decide whether two quantities are in a proportional relationship.
CCSS.MATH.CONTENT.7.RP.A.2.A | US_EN_07_MAT_C02_WSA_m1

3 The following table shows the number of posts and likes gained. Based on the table, answer the following questions:

No. of posts on social media	No. of likes (in hundreds)
5	30
10	60

Does the given data form a proportional relation? Check the correct box.

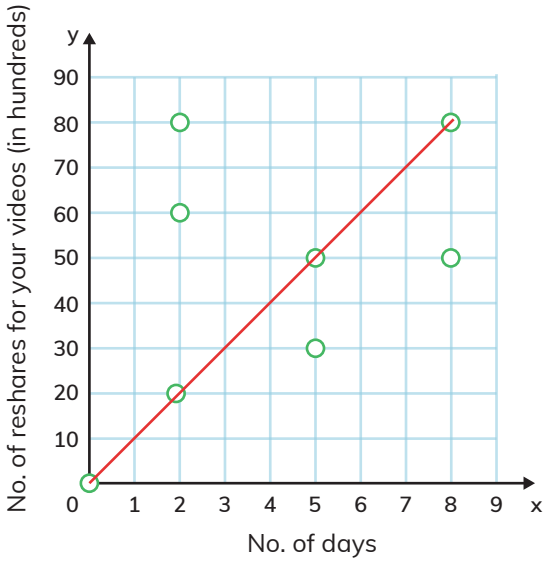
☑ True ☐ False

Find the no. of likes (in hundreds) if the no. of posts made are 15. Write your answer in the given boxes.

9	0

4 The following table shows the number of shares on your social media videos. Join the dots on the graph based on the table.

No. of days	No. of reshares for your videos (in hundreds)
2	20
5	50
8	80



The line joining the plotted points is a straight line. Circle the correct option.

True False

The line joining the plotted points passes through the origin. Circle the correct option

True False

The two quantities are _____ relationship. Check the correct box and complete the sentence.

☐ not in proportional ☑ in a proportional