

Date - 01 .02.21 Context- Multiplication & division

L.O: To solve a division problem practically

LO: To halve numbers below 20

	<u>Independently</u> Skills practice I practised this skill by myself after I was taught how to do it or after we talked about how to do it well.	<u>OR Guided</u> I needed a lot of support with ...  I was supported at times with ...  I needed no help at all.	Teacher / TA/ Supply  <input type="checkbox"/>	tools used

Use real life items such as lego bricks or counters to solve these problems.

Two of the dwarves want to share some jewels out between them.

How many will they get each if...

10 jewels are shared between



8 jewels are shared between



6 jewels between



12 jewels between



18 jewels between



14 jewels between



2 jewels are shared between



16 jewels are shared between




4 jewels between



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LO: To link multiplication to division.

LO: To multiply and divide using arrays.

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To solve the following problems, you might decide to draw pictures or bar models or use real items.

The dwarves want to share the jewels out between them how many will they get



each if:

1. 12 jewels are shared between 2 dwarves?
2. 15 jewels shared between 5 dwarves?
3. 20 jewels shared between 10 dwarves?
4. 16 jewels shared between 2 dwarves?
5. If there are 12 jewels and each dwarf gets a bag of 2 jewels, how many dwarves can have a bag of jewels?
6. If there are 15 jewels with 5 in each bag, how many dwarves will get a bag of jewels?
7. If there are 30 jewels with 10 in each bag, how many dwarves will get a bag of jewels?
8. If some dwarves get 5 jewels each and there are 20 jewels, how many dwarves can have some jewels?
9. If Dock starts with 20 jewels and puts them into piles of 10, how many piles will he have?
10. Dopey has 11 jewels to share between 2 dwarves, Can Dopey share these fairly?

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To solve the following problems, you might decide to draw pictures or bar models.



The dwarves want to share the jewels out between them how many will they get each if...

1. 15 jewels are shared between 3 dwarves?
2. 25 jewels shared between 5 dwarves?
3. 31 jewels shared between 10 dwarves? How many will be left over?
4. 47 jewels shared between 2 dwarves? How many will be left over?
5. If there are 20 jewels and each dwarf gets a bag of 2 jewels, how many dwarves can have a bag of jewels?
6. If there are 36 jewels with 6 in each bag, how many dwarves will get a bag of jewels?
7. If there are 55 jewels with 10 in each bag, how many dwarves will get a bag of jewels? How many will be left over?
8. If some dwarves get 12 jewels each and there are 53 jewels, how many dwarves can have some jewels?
9. If Doc starts with 140 jewels and puts them into piles of 10, how many piles will he have?
10. Dopey has 110 jewels to share between 2 dwarves. Is there an easier way than taking away 2 each time?