

Lesson 2.4: Multiplying/Dividing Negatives

Targets

1. I understand why a negative times a negative is a positive.
2. I can multiply and divide negative numbers.

Multiplying Positive and Negative Numbers

Watch the video and take notes here. Copy all the notes Khan takes.

Why a Negative times a Negative is a Positive

Watch the video and take notes here. Copy all the notes Khan takes.

Why a Negative times a Negative Makes Sense

Watch the video and take notes here. Copy all the notes Khan takes.

Dividing Positive and Negative Numbers

First, attempt these problems on your own. Then watch the video and copy the notes.

Your attempt:

1. $8 \div 2 =$

2. $\frac{-16}{4} =$

3. $-30 \div -5 =$

4. $\frac{18}{2} =$

5. $\frac{-7 \cdot 3}{-1} =$

6. $-2 \cdot -7 \cdot -1 =$

Video Notes:

1. $8 \div 2 =$

2. $\frac{-16}{4} =$

3. $-30 \div -5 =$

4. $\frac{18}{2} =$

5. $\frac{-7 \cdot 3}{-1} =$

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Khan Activity: Multiplying and Dividing Negative Numbers

Complete this activity on Khan.

Exit Ticket

1. Have all your notes filled out above.
2. Complete the following Khan Academy Activities: **Multiplying/Dividing Negative #s**
3. Why is a negative times a negative a positive? Give a complete answer.