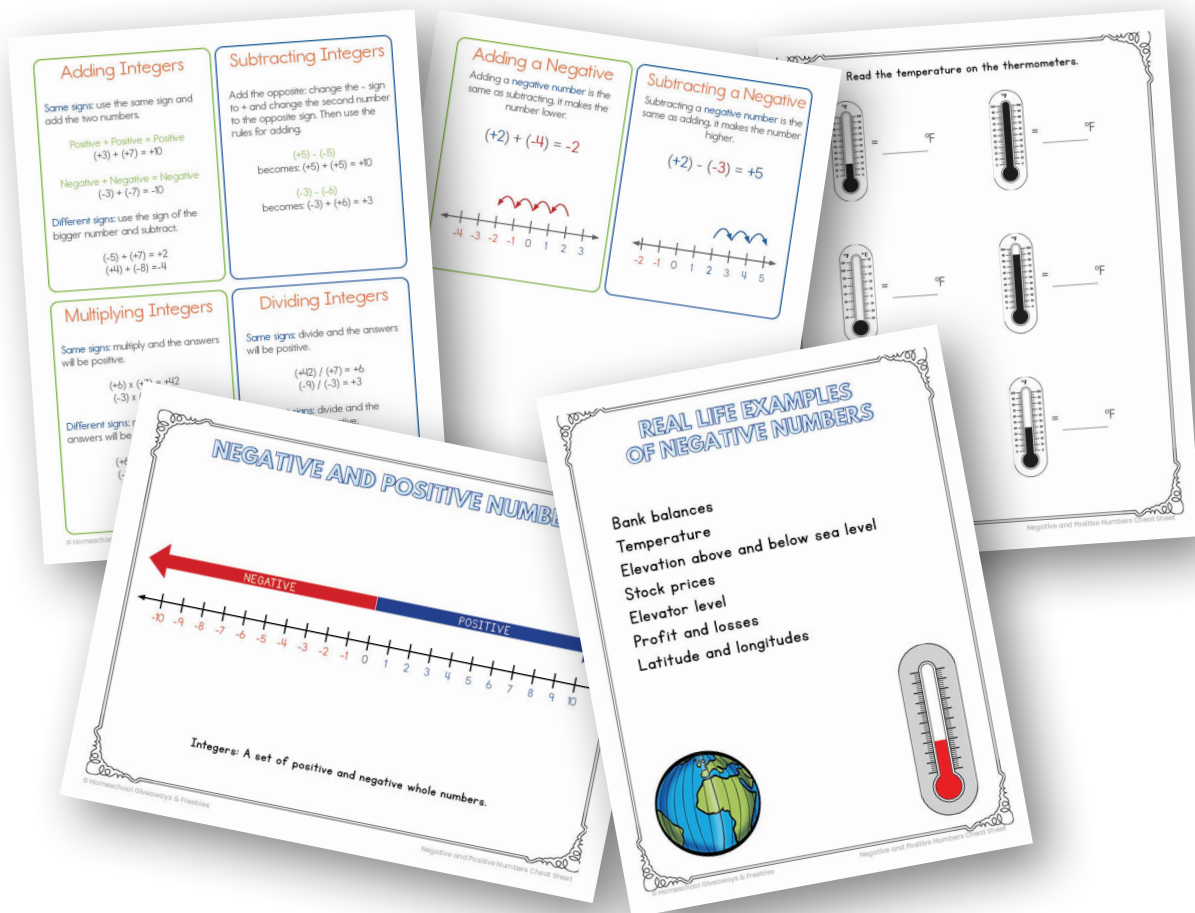


NEGATIVE AND POSITIVE NUMBERS CHEAT SHEET





Thank you for your downloading this resource. Our subscribers get access to all sorts of exclusive freebies as a perk for being a loyal reader.

To download more free homeschool resources, [login to our subscriber library](#).

Clip art by [Prettygrafiks](#).

by Homeschool Giveaways

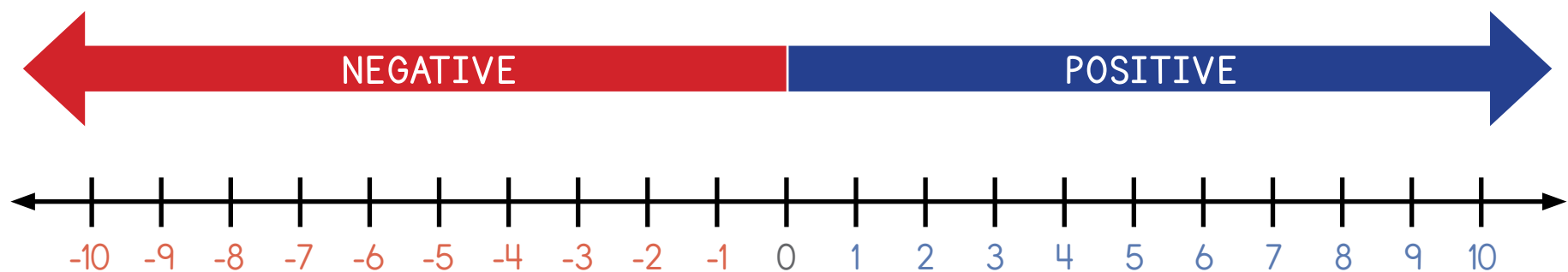
© Copyright 2022

All rights reserved. No part of this work may be reproduced or distributed in any form by any means--graphic, electronic, or mechanical, including photocopying, recording, taping, or storing in information storage or retrieval systems—without the prior written permission from the publisher.

Original purchaser is granted permission to print copies for use within his or her immediate family.

For additional resources visit Homeschoolgiveaways.com.

NEGATIVE AND POSITIVE NUMBERS



Integers: A set of positive and negative whole numbers.

REAL LIFE EXAMPLES OF NEGATIVE NUMBERS

Bank balances

Temperature

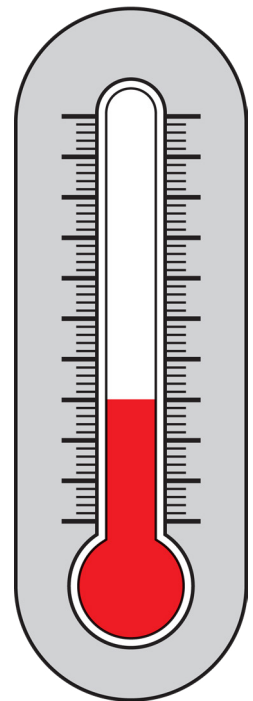
Elevation above and below sea level

Stock prices

Elevator level

Profit and losses

Latitude and longitudes



Adding Integers

Same signs: use the same sign and add the two numbers.

Positive + Positive = Positive

$$(+3) + (+7) = +10$$

Negative + Negative = Negative

$$(-3) + (-7) = -10$$

Different signs: use the sign of the bigger number and subtract.

$$(-5) + (+7) = +2$$

$$(+4) + (-8) = -4$$

Subtracting Integers

Add the opposite: change the - sign to + and change the second number to the opposite sign. Then use the rules for adding.

$$(+5) - (-5)$$

$$\text{becomes: } (+5) + (+5) = +10$$

$$(-3) - (-6)$$

$$\text{becomes: } (-3) + (+6) = +3$$

Multiplying Integers

Same signs: multiply and the answers will be positive.

$$(+6) \times (+7) = +42$$

$$(-3) \times (-3) = +9$$

Different signs: multiply and the answers will be negative.

$$(+6) \times (-7) = -42$$

$$(-8) \times (+2) = -16$$

Dividing Integers

Same signs: divide and the answers will be positive.

$$(+42) \div (+7) = +6$$

$$(-9) \div (-3) = +3$$

Different signs: divide and the answers will be negative.

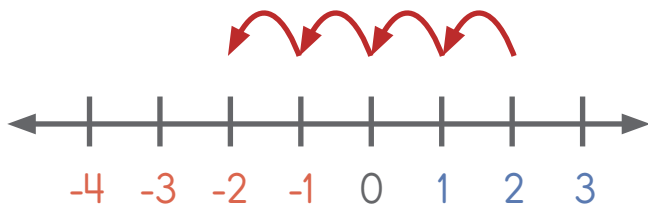
$$(+49) \div (-7) = -7$$

$$(-36) \div (+6) = -6$$

Adding a Negative

Adding a **negative number** is the same as subtracting, it makes the number lower.

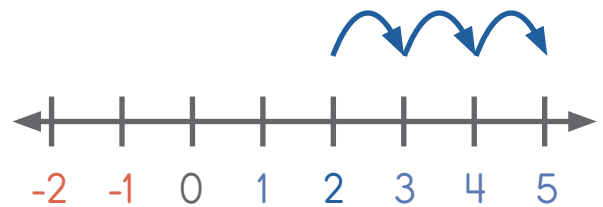
$$(+2) + (-4) = -2$$



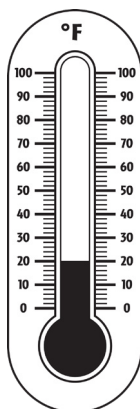
Subtracting a Negative

Subtracting a **negative number** is the same as adding, it makes the number higher.

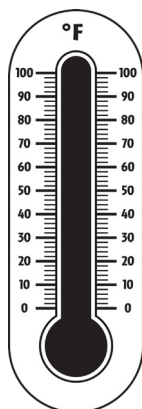
$$(+2) - (-3) = +5$$



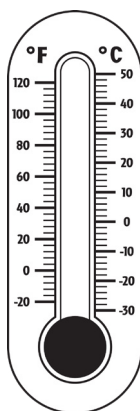
Read the temperature on the thermometers.



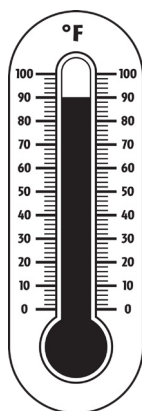
= _____ °F



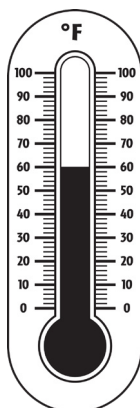
= _____ °F



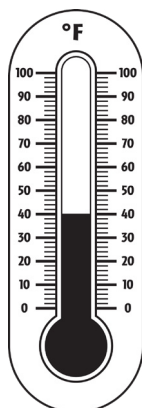
= _____ °F



= _____ °F



= _____ °F



= _____ °F