LESSON MAKER PRO

# Net Worth Navigator

*Find what you own minus what you owe.*

**HIGH SCHOOL · MA.912.FL.2.1**

**MA.912.FL.2.1** "Given assets and liabilities, calculate net worth using spreadsheets and other technology."

NAME _____ DATE _____

## THE NET WORTH RULE

Net worth = total assets - total liabilities. In a spreadsheet, enter the totals and subtract liabilities from assets with a formula such as =A2-B2.

## WORKED EXAMPLE

Use the number line to find net worth.




1. Assets = $1,250.
2. Liabilities = $450.
3. $1,250 - $450 = $800.

**Answer: $800**

## PRACTICE 4 problems

**1** Assets are $680. Liabilities are $245. Find net worth.

**ANSWER** _____

**2** Assets are $1,100. Liabilities are $1,375. Find net worth.

**ANSWER** _____

**3** Assets are $2,040. Liabilities are $890. Find net worth.

**ANSWER** _____

**4** A spreadsheet has total assets in A2 and total liabilities in B2. If A2 is $750 and B2 is $0, write the formula and net worth.

**ANSWER** _____

## APPLY IT Show your work

**1** Ava is planning a summer trip. Use the table to find her net worth.

**AVA'S FINANCIAL LIST**

| Item | Type | Value |
|---|---|---|
| Savings | Asset | $560 |
| Bicycle | Asset | $340 |
| Headphones | Asset | $100 |
| Phone payment | Liability | $180 |
| Money owed to cousin | Liability | $65 |

**ANSWER** _____

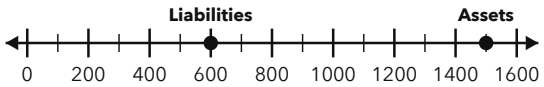
**2** Maya has $425 in savings and a used camera worth $150. She owes $90 for club dues and $120 on her laptop. Find her net worth.

WORK SPACE

**ANSWER** _____

## CHALLENGE One step up

The number line shows Jordan's starting assets and liabilities. Jordan pays $175 of liabilities using cash. What is Jordan's new net worth? Explain why it changes or stays the same.




WORK SPACE AND ANSWER

ANSWER KEY

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## PART 1 · PRACTICE

| # | PROBLEM | ANSWER |
|---|---|---|
| 1 | Assets are $680. Liabilities are $245. Find net worth. | **$435** |
| 2 | Assets are $1,100. Liabilities are $1,375. Find net worth. | **-$275** |
| 3 | Assets are $2,040. Liabilities are $890. Find net worth. | **$1,150** |
| 4 | A spreadsheet has total assets in A2 and total liabilities in B2. If A2 is $750 and B2 is $0, write the formula and net worth. | **=A2-B2; $750** |

## PART 2 · APPLY IT

1. **$755** Add the assets to get $1,000. Add the liabilities to get $245, then subtract $1,000 - $245.
2. **$365** Her assets total $575 and her liabilities total $210. Subtract $575 - $210.

## CHALLENGE

**$900. Cash and liabilities each decrease by $175, so the difference stays the same.**

Accept equivalent subtraction expressions and currency formatting. A negative net worth may be written as -$275 or ($275).