

Instructions

Young Padawan, your math training begins! Use the Force (and your brain) to solve these problems from across the galaxy. Help the Rebel Alliance by finding the correct answers!

Part 1: Addition & Subtraction on Tatooine

Solve the equations below. Show your work if you need to!

1. Luke Skywalker counts **38** banthas in a herd. Another **14** banthas join them. How many banthas are there in total?

$$38 + 14 =$$

2. Jawas collected **87** droids. They sold **45** of them to moisture farmers. How many droids do the Jawas have left?

$$87 - 45 =$$

3. C-3PO worries about everything. He worried **29** times in the morning and **33** times in the afternoon. How many times did he worry all day?

$$29 + 33 =$$

4. Han Solo had **95** credits. He spent **58** credits to repair the Millennium Falcon. How many credits does he have now?

$$95 - 58 =$$

Part 2: Jedi Word Problems

Read the problems carefully and write your final answer in the box.

1. Chewbacca found **47** delicious Porgs hanging out on a cliff. **25** more Porgs flew in to join them. How many Porgs are there altogether?

2. Princess Leia needs to send **75** secret messages to the Rebel fleet. She has already sent **39** messages. How many messages does she have left to send?

Part 3: Compare the Fleets!

Write < (less than), > (greater than), or = (equal to) in the box to compare the numbers.

1. Number of X-Wings **(52)** Number of TIE Fighters **(61)**
2. Ewoks on Endor **(88)** Womp Rats in Beggar's Canyon **(88)**
3. Stormtroopers on the Star Destroyer **(40 + 10)** Rebel Soldiers on Yavin 4 **(45)**
4. Lightsabers in the Jedi Temple **(93)** Blasters in the Cantina **(79)**

Part 4: Crack the Sith Code

Solve each problem. Then match the answer to the letter in the key to spell a secret word!

CODE KEY: L = 33 | R = 80 | V = 11 | A = 42 | D = 24 | E = 55

$$20 + 22 =$$

$$90 - 10 =$$

$$65 - 10 =$$

$$50 - 26 =$$

Secret Word:

Answer Key

Part 1: Addition & Subtraction on Tatooine

1. 52
2. 42

3. 62

4. 37

Part 2: Jedi Word Problems

1. $47 + 25 = 72$ Porgs2. $75 - 39 = 36$ messages**Part 3: Compare the Fleets!**

1. $<$ 2. $=$ 3. $>$ (50 is greater than 45)4. $>$ **Part 4: Crack the Sith Code**

• $20 + 22 = 42$ (A)• $90 - 10 = 80$ (R)• $65 - 10 = 55$ (E)• $50 - 26 = 24$ (D)**Secret Word:** VADER (Oh no! It was a trick!)

The worksheet has been designed so that the correct order of problem solving spells a word. However, since the student may solve them in any order, the letters for "VADER" are: V=11, A=42, D=24, E=55, R=80. There is no problem that equals 11. Let's fix that for the student experience. The problems should be listed in order to spell the word.

Corrected Part 4 for final output:**Part 4: Crack the Sith Code**

CODE KEY: R = 80 | V = 11 | A = 42 | D = 24 | E = 551. $20 - 9 = 11$ (V)2. $21 + 21 = 42$ (A)3. $50 - 26 = 24$ (D)4. $90 - 35 = 55$ (E)

5. $40 + 40 = \mathbf{80 (R)}$

Secret Word: VADER