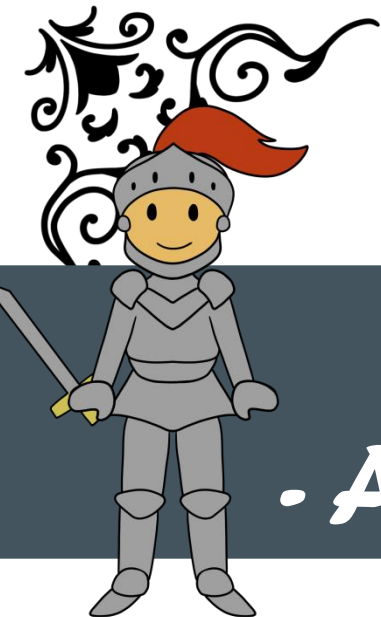


Preview

3rd Grade Math Quest - Addition and Subtraction



Preview

You are ambushed by a swarm of bees! Solve the equation below to run away.

$$80 + 30 + 5 =$$

A thief steals your bag! Solve the equation below to catch him!

$$70 + 80 + 50 =$$

You find an angry boar. Solve the equation below to calm it down.

You are cursed by a warlock! Solve the equation below to rid yourself of the curse.

$$30 + 70 + 10 =$$



Table of Contents

- Page 3-5: Teacher Instructions
- Page 6-9: Character Sheets
- Page 10-15: Task Cards
- Page 16: Boss Fight
- Page 17: Answer Recording Sheet
- Page 18: Task Card Answers
- Page 19: Boss Fight Answers

Teacher Instructions

Preview

Math Quest: Defeat the Dragon

Students become fantasy adventurers solving math problems to gain experience and defeat a powerful dragon!

Setup

- Print the **task cards**, **character sheets**, and **Boss Fight worksheet**.
- Give each student a **character sheet**.
- Students write their **name** and choose a class (Wizard, Ranger, Knight, or Barbarian).
- Place the **task cards** around the room or at a math center.

Preview

Part 1: Quest Cards

- Students solve the **math task cards**.
- Each correct answer earns **1 XP**.
- Students color **one XP box** on their character sheet for each correct answer.
- Every **5 XP** students level up.
- Students may work **individually, in pairs, or small groups** depending on classroom preference.

Preview

Teacher Instructions

Preview

Part 2: Leveling Up

- As students earn XP, they advance through the levels:
- Level 1 – Beginner
Level 2 – Adventurer
Level 3 – Champion
Level 4 – Hero
Level 5 – Dragon Slayer
- Students color the XP boxes to track their progress.

Part 3: Boss Battle – Defeat the Dragon!

- Once students have completed several task cards, the class faces the **dragon boss**.
- Give students the **Boss Fight worksheet**.
- Students solve the equations on the page.
- Each correct answer deals **damage to the dragon**.
- Example:
 - $6,000 + 500 = \mathbf{6,500 \text{ damage}}$
 - Subtract the damage from the dragon's total HP.
 - Dragon starting HP: **100,000**
 - Students work together to reduce the dragon's HP to **0** and defeat it!

Preview

Preview

Teacher Instructions

Preview

Optional Variations

- Students can complete task cards **individually or in small groups**.
- The boss battle can be solved **as a class**, with students taking turns answering problems.
- Teachers may choose to track dragon damage **on the board** for added excitement.

Preview

Preview

Character Sheet



Name:

Level:

Class: Wizard

Level 1: Beginner

--	--	--	--	--

Level 2: Adventurer

--	--	--	--	--

Level 3: Champion

--	--	--	--	--

Level 4: Hero

--	--	--	--	--

Level 5: Dragon Slayer

Level Tracker

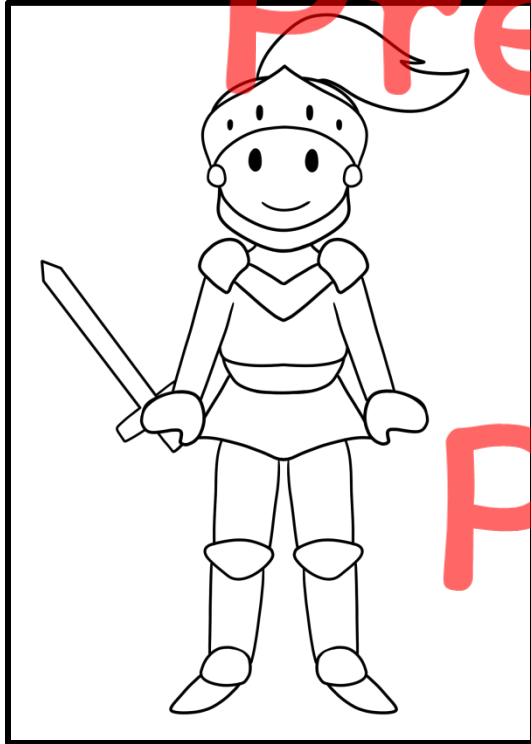
Level 2: 5 EXP

Level 3: 10 EXP

Level 4: 15 EXP

Level 5: 20 EXP

Character Sheet



Name:

Level:

Class: Knight

Level 1: Beginner

--	--	--	--	--

Level 2: Adventurer

--	--	--	--	--

Level 3: Champion

--	--	--	--	--

Level 4: Hero

--	--	--	--	--

Level 5: Dragon Slayer

Level Tracker

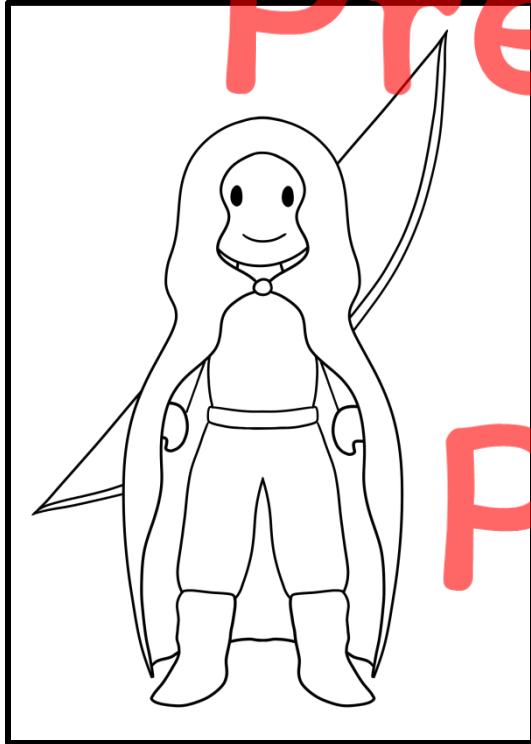
Level 2: 5 EXP

Level 3: 10 EXP

Level 4: 15 EXP

Level 5: 20 EXP

Character Sheet



Level Tracker

Level 2: 5 EXP

Level 3: 10 EXP

Level 4: 15 EXP

Level 5: 20 EXP

Name:

Class: Ranger

Level:

Level 1: Beginner

--	--	--	--	--

Level 2: Adventurer

--	--	--	--	--

Level 3: Champion

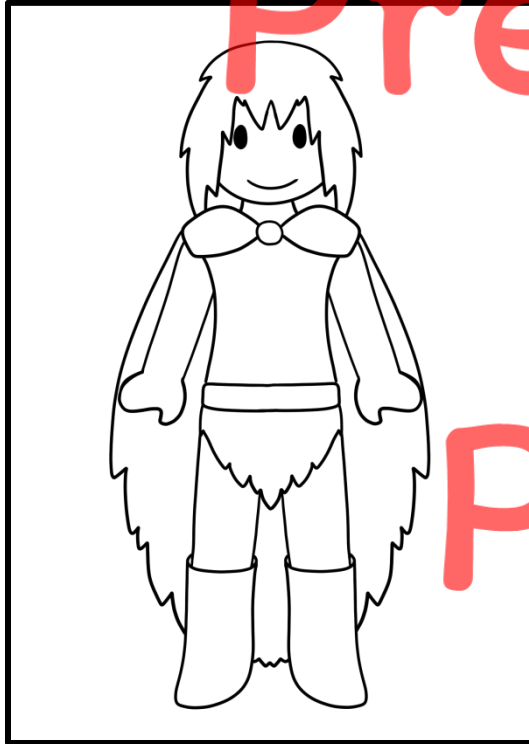
--	--	--	--	--

Level 4: Hero

--	--	--	--	--

Level 5: Dragon Slayer

Character Sheet



Level Tracker

Level 2: 5 EXP

Level 3: 10 EXP

Level 4: 15 EXP

Level 5: 20 EXP

Name:

Level:

Class: Barbarian

Level 1: Beginner

--	--	--	--	--

Level 2: Adventurer

--	--	--	--	--

Level 3: Champion

--	--	--	--	--

Level 4: Hero

--	--	--	--	--

Level 5: Dragon Slayer

You are cursed by a
warlock! Solve the
equation To rid yourself of
the curse

$$30 + 70 + 10 = \underline{\quad}$$

1.

A village is invaded
By bandits! Solve the
equation below to save the
village

$$40 + 20 + 60 = \underline{\quad}$$

2.

You find a hidden crypt.
To gain entrance, you must
Solve the equation below.

$$10 + 70 + 40 = \underline{\quad}$$

3.

You are confronted
By a large beetle! Solve
The equation below to
defeat it

$$30 + 50 + 70 = \underline{\quad}$$

4.

You are ambushed by a swarm of bees! Solve the equation below to run away.

$$80 + 30 + 50 = \underline{\quad}$$

5.

You find a wild horse. Solve the equation below To befriend it.

$$10 + 30 + 40 = \underline{\quad}$$

6.

You become lost in a maze. Solve the equation below to find your way out.

$$50 + 70 + 40 = \underline{\quad}$$

7.

You find a lost puppy in the woods. Solve the equation below to take him back to his owners.

$$90 + 10 + 20 = \underline{\quad}$$

8.

You are faced with a locked door. Solve the equation below to unlock it.

$$60 + 40 + 50 = \underline{\quad}$$

9.

You find an angry boar. Solve the equation below to calm it down.

$$30 + 30 + 30 = \underline{\quad}$$

10.

You need to cast an ice spell. Solve the equation below to successfully cast it.

$$60 + 20 + 70 = \underline{\quad}$$

11.

You fall down a hole! Solve the equation below to get yourself out of it.

$$60 + 60 + 40 = \underline{\quad}$$

12.

You find yourself in
A duel with a evil knight!
Solve the equation below to
defeat them

$$60 + 50 + 10 = \underline{\hspace{2cm}}$$

13.

You a trapped in a
mysterious enchantment!
Solve the equation below to
free yourself.

$$40 + 50 + 70 = \underline{\hspace{2cm}}$$

14.

You are surrounded
by ferocious bears! Solve
the equation below to fend
them off!

$$80 + 30 + 10 = \underline{\hspace{2cm}}$$

15.

You find a wizard
trying to cast a spell but they
mess up! Solve the equation below
to help them out.

$$60 + 60 + 70 = \underline{\hspace{2cm}}$$

16.

A local farmer has
Lost their cattle. Solve the
equation below to help find
them.

$$40 + 50 + 80 = \underline{\hspace{2cm}}$$

You find yourself in a
dark tunnel. Solve the
equation below to create a
light spell

$$30 + 60 + 80 = \underline{\hspace{2cm}}$$

17.

18.

You are surrounded by a
colony of bats! Solve the equation
below to fend them off

$$80 + 30 + 30 = \underline{\hspace{2cm}}$$

A evil witch casts a fire
spell at you! Solve the
equation below to block it!

$$70 + 10 + 40 = \underline{\hspace{2cm}}$$

19.

20.

You are being chased by a giant! Solve the equation below to get away!

$$50 + 50 + 40 = \underline{\quad}$$

A thief steals your bag! Solve the equation below to catch him!

$$70 + 80 + 50 = \underline{\quad}$$

Preview

You are in a tunnel when a large bolder rolls towards you! Solve the equation below to escape!

$$90 + 60 + 40 = \underline{\quad}$$

You reach the boss Dungeon, but before you can enter you must solve the equation below to unlock the door

$$90 + 90 + 90 = \underline{\quad}$$

Preview

Boss Fight!

To beat the boss, you must solve each equation,
Then subtract the answer from the Boss's HP

$$\begin{array}{r} 6,000 \\ + 500 \\ \hline \end{array}$$

$$\begin{array}{r} 4,000 \\ + 500 \\ \hline \end{array}$$

$$\begin{array}{r} 7,000 \\ + 300 \\ \hline \end{array}$$

$$\begin{array}{r} 2,000 \\ + 200 \\ \hline \end{array}$$

$$\begin{array}{r} 8,000 \\ + 900 \\ \hline \end{array}$$

$$\begin{array}{r} 5,000 \\ + 700 \\ \hline \end{array}$$

$$\begin{array}{r} 9,000 \\ + 400 \\ \hline \end{array}$$

$$\begin{array}{r} 1,000 \\ + 800 \\ \hline \end{array}$$

$$\begin{array}{r} 9,000 \\ + 700 \\ \hline \end{array}$$

$$\begin{array}{r} 6,000 \\ + 700 \\ \hline \end{array}$$

$$\begin{array}{r} 3,000 \\ + 500 \\ \hline \end{array}$$

$$\begin{array}{r} 7,000 \\ + 800 \\ \hline \end{array}$$

100,000 HP

$$\begin{array}{r} 8,000 \\ + 100 \\ \hline \end{array}$$

$$\begin{array}{r} 3,000 \\ + 600 \\ \hline \end{array}$$

$$\begin{array}{r} 6,000 \\ + 300 \\ \hline \end{array}$$

$$\begin{array}{r} 4,000 \\ + 400 \\ \hline \end{array}$$

$$\begin{array}{r} 3,000 \\ + 500 \\ \hline \end{array}$$



Answer Recording Sheet

Preview

1.	2.	3.	4.	5.	6.
7.	8.	9.	10.	11.	12.
13.	14.	15.	16.	17.	18.
19.	20.	21.	22.	23.	24.

Preview

Task Card Answers

1.

110

2.

120

3.

120

4.

150

5.

160

6.

80

7.

160

8.

120

9.

150

10.

90

11.

150

12.

160

13.

120

14.

160

15.

120

16.

190

17.

170

18.

170

19.

140

20.

120

21.

140

22.

200

23.

190

24.

270

Boss Fight Answers

$$\begin{array}{r} 6,000 \\ + 500 \\ \hline 6,500 \end{array}$$

$$\begin{array}{r} 4,000 \\ + 500 \\ \hline 4,500 \end{array}$$

$$\begin{array}{r} 7,000 \\ + 300 \\ \hline 7,300 \end{array}$$

$$\begin{array}{r} 2,000 \\ + 200 \\ \hline 2,200 \end{array}$$

$$\begin{array}{r} 8,000 \\ + 900 \\ \hline 8,900 \end{array}$$

$$\begin{array}{r} 5,000 \\ + 700 \\ \hline 5,700 \end{array}$$

$$\begin{array}{r} 9,000 \\ + 400 \\ \hline 9,400 \end{array}$$

$$\begin{array}{r} 1,000 \\ + 800 \\ \hline 1,800 \end{array}$$

$$\begin{array}{r} 100,000 \\ - 6,500 \\ \hline 93,500 \end{array}$$

$$\begin{array}{r} 93,500 \\ - 4,500 \\ \hline 89,000 \end{array}$$

$$\begin{array}{r} 89,000 \\ - 7,300 \\ \hline 81,700 \end{array}$$

$$\begin{array}{r} 81,700 \\ - 2,200 \\ \hline 79,500 \end{array}$$

$$\begin{array}{r} 79,500 \\ - 8,900 \\ \hline 70,600 \end{array}$$

$$\begin{array}{r} 70,600 \\ - 5,700 \\ \hline 64,900 \end{array}$$

$$\begin{array}{r} 64,900 \\ - 9,400 \\ \hline 55,500 \end{array}$$

$$\begin{array}{r} 55,500 \\ - 1,800 \\ \hline 53,700 \end{array}$$

$$\begin{array}{r} 9000 \\ + 700 \\ \hline 9,700 \end{array}$$

$$\begin{array}{r} 6,000 \\ + 700 \\ \hline 6,700 \end{array}$$

$$\begin{array}{r} 3,000 \\ + 500 \\ \hline 3,500 \end{array}$$

$$\begin{array}{r} 7,000 \\ + 800 \\ \hline 7,800 \end{array}$$

$$\begin{array}{r} 8000 \\ + 100 \\ \hline 8100 \end{array}$$

$$\begin{array}{r} 3,000 \\ + 700 \\ \hline 3,700 \end{array}$$

$$\begin{array}{r} 6000 \\ + 300 \\ \hline 6300 \end{array}$$

$$\begin{array}{r} 53,700 \\ - 9,700 \\ \hline 44,000 \end{array}$$

$$\begin{array}{r} 44,000 \\ - 6,700 \\ \hline 37,300 \end{array}$$

$$\begin{array}{r} 37,300 \\ - 3,500 \\ \hline 33,800 \end{array}$$

$$\begin{array}{r} 33,800 \\ - 7,800 \\ \hline 26,000 \end{array}$$

$$\begin{array}{r} 26,000 \\ - 8,100 \\ \hline 17,900 \end{array}$$

$$\begin{array}{r} 17,900 \\ - 3,700 \\ \hline 14,200 \end{array}$$

$$\begin{array}{r} 14,200 \\ - 6,300 \\ \hline 7,900 \end{array}$$

$$\begin{array}{r} 4,000 \\ + 400 \\ \hline 4,400 \end{array}$$

$$\begin{array}{r} 3,000 \\ + 700 \\ \hline 3,500 \end{array}$$

$$\begin{array}{r} 7,900 \\ - 4,400 \\ \hline 3,500 \end{array}$$

$$\begin{array}{r} 3,500 \\ - 3,500 \\ \hline 0 \end{array}$$