

DECORATE A CHRISTMAS TREE



The image displays a collection of activity sheets for a Christmas-themed escape room. The sheets include:

- Christmas Tree Items:** A sheet with a star icon and instructions: "Each time a team correctly completes one of the Christmas tree decoration items. The ingredient for each task is in the corner of each task page."
- TASK 1: Color by Code:** Includes a coloring key and a picture of a Christmas tree to be colored.
- TASK 2: Color the Ornament:** Includes a picture of an ornament and instructions: "Directions: Solve each problem. If the product is even, color the ornament green. If the product is odd, color the ornament red."
- TASK 3: Christmas Calculations:** Includes a picture of a gift box and instructions: "Directions: Solve the problem on each present. Then, draw a line to the tree with the correct answer." The calculations are:
 - 34×5
 - 276
 - 206
 - 170
 - 26
 - 385
- TASK 4: Present Problems:** Includes a picture of a candy cane and instructions: "Directions: Solve each problem on the back of the sheet. You MUST show your work. Then, the letter above the number at the bottom that matches each product." The problems are:
 - John is wrapping 8 presents. Each present needs 24 inches of ribbon. How much ribbon will he need?
 - There are 38 presents under the tree. If each present weighs 9 ounces, how many ounces do the presents weigh?
- TASK 5: Crack the Code:** Includes a grid of letters and instructions: "Directions: Use the code clues to identify the letters for each Christmas word. Write the word on the line." The grid is:

A	B	C	D	E	F	G	H	I	J	K	L	M
N	O	P	Q	R	S	T	U	V	W	X	Y	Z

The code clues are:
 - 1.
 - 2.
 - 3.
 - 4.
 - 5.
 - 6.
 - 8.
 - 9.
 - 10.
 - 11.

A central sheet titled "Christmas tree Challenge Champion" features a small decorated tree and a space for a name: "PRESENTED TO: _____".

On the right, a large, detailed illustration of a Christmas tree is shown, decorated with yellow stars, red and blue ornaments, and yellow garlands. It sits in a red pot.

ENGAGING, FUN MULTIPLICATION PRACTICE!

- Students have to work in teams (or individually) to complete all 5 math tasks.
- When they complete each task correctly, they earn a decoration.
- Once they have collected all 5 decorations, they have won!
- The goal is to have all teams complete the challenge.

Christmas Tree Items

Each time a team correctly completes one of the five tasks, they earn one of the 5 Christmas tree decoration items. The ingredient for each task is shown on the top right corner of each task page.

Make the same number decoration boxes ahead of a Christmas Tree" page have successfully finished certificate at that time.

star

gingerbread man

string of lights

DECORATE A CHRISTMAS TREE

Team Name: _____

Directions: As your team correctly completes each task, your teacher will give you one Christmas tree decoration. Glue or tape each decoration onto the correct box below. When you have collected all 4 items, you have finished decorating your tree. Take this completed decoration page to your teacher for your reward!


star

ornament

gingerbread man

candy cane

string of lights



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Students earn decorations as they correctly complete each task.



TASK 1

Color by Code

Directions: Use the coloring key to correctly color the picture below. When you finish, take this page to your teacher to receive your decoration and the next task.

20	48
YELLOW	RED
72	64
ORANGE	BLUE

2 x 24, 2 x 36, 1 x 20, 8 x 9, 1 x 64, 4 x 18, 2 x 3, 6 x 12, 4 x 6, 4 x 12, 2 x 2, 1 x 24, 5 x 4, 4 x 6, 32 x 2, 4 x 1

TASK 2

Color the Ornament

Directions: Solve each problem. If the product is even, color the ornament green. If the product is odd, color the ornament red.

$$\begin{array}{r} 365 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 432 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 299 \\ \times 4 \\ \hline \end{array}$$

TASK 3

Christmas Calculations

Directions: Solve the problem on each present. Then, draw a line to the tree with the correct answer.

$$\begin{array}{r} 34 \times 5 \end{array}$$

$$276$$

$$46 \times 6$$

$$55 \times 7$$

$$29 \times 9$$

TASK 4

Present Problems

Directions: Solve each problem on the back of the sheet. You MUST show your work. Then write the letter above the number at the bottom that matches each product.

Pam is wrapping 8 presents. Each present needs 24 inches of ribbon. How much ribbon will Pam need?

74 elves worked together to wrap presents. They each wrapped 8 presents. How many presents did the elves wrap altogether?

Devin is wrapping 9 gifts. Each gift needs 144 square inches of wrapping paper. How many square inches of wrapping paper does he need?

Each shopping bag holds 7 gifts. If there are 76 filled shopping bags, how many gifts are there?

There are 38 presents under the tree. If each present weighs 9 ounces, how many ounces do the presents weigh altogether?

267 people each donated 5 presents to the animal shelter. How many presents were donated in all?

On each of the 7 days last week, the toy store sold 863 toys for gifts. How many toys did the store sell altogether last week?

Joel is wrapping 5 large presents. Each present needs 285 centimeters of ribbon. How many centimeters of ribbon does Joel need?

Riddle:
What do elves learn in school? THE ...

592 6,041 532 342 1,425 1,296 192 1,335

TASK 5

Crack the Code

Directions: Use the code clues to identify the letters for each Christmas word. Write the word on the line.

🎄	🍪	👤	🎁	🌲	🍷	🌟	🍽️	👶	🍩	👤	🍷	👤	🍩	👤	🍷
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Q	R	S	T	U	V	W	X	Y	Z						

- 🍪🍪🍪
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- 🍷🍷🍷🍷

REVERSE IT!
Draw the code clues:

- ORNAMENT
- STAR

Teams finishing the task earn the status of “Challenge Champion”. Award certificates and candy cane labels are included.

Candy Cane Labels – COLOR VERSION

Copy, cut, and tape onto candy canes (wrap around the cane like a flag). Award “Challenge Champion” candy canes to students once they have successfully completed all 5 tasks and collected all 5 Christmas tree decorations.



**CHRISTMAS
CHALLENGE
CHAMPION**



**CHRISTMAS
CHALLENGE
CHAMPION**



**CHRISTMAS
CHALLENGE
CHAMPION**



**CHRISTMAS
CHALLENGE
CHAMPION**

**Christmas tree
Challenge
Champion**



**Christmas tree
Challenge
Champion**

PRESENTED TO:

TEACHER

DATE



Choose
color
or B/W!