Task card 1 Finding the Whole from a Percent

2 is 0.5% of what number?

Task card 2 Finding the Whole from a Percent

18 is 7.5% of what number?

Task card 3 Finding the Whole from a Percent

0.5% of a number is 1. What is the number?

Task card 4 Finding the Whole from a Percent

$0.075 \times n = 6$. What is n?

Task card 5 Finding the Whole from a Percent

Ben says 1 is 0.5% of 400. Is Ben right? Write yes or no.

Task card 6 Finding the Whole from a Percent

Leo has read 28 pages, which is 17.5% of his book. How many pages does the book have?

Task card 7 Finding the Whole from a Percent

A library lent out 6 books this week, which is 2.5% of the books it lent last week. How many books did it lend last week?

Task card 8 Finding the Whole from a Percent

12 is 12.5% of a number. What is 62.5% of the same number?

Task card 9 Finding the Whole from a Percent

504 is 60% of what number?

Task card 10 Finding the Whole from a Percent

114 is 95% of what number?

Task card 11 Finding the Whole from a Percent

23% of a number is 92. What is the number?

Task card 12 Finding the Whole from a Percent

$2.5 \times n = 1040$. What is n?

Task card 13 Finding the Whole from a Percent

Nora says 31 is 12.5% of 248. Is Nora right? Write yes or no.

Task card 14 Finding the Whole from a Percent

265 students walk to school. That is 53% of all the students in the school. How many students are in the school?

Task card 15 Finding the Whole from a Percent

An orchard picked 426 apples this week. That is 300% of the apples it picked last week. How many apples did it pick last week?

Task card 16 Finding the Whole from a Percent

261 is 37.5% of a number. What is 87.5% of the same number?

Task card 17 Finding the Whole from a Percent

205 is 62.5% of what number?

Task card 18 Finding the Whole from a Percent

11 is 12.5% of what number?

Task card 19 Finding the Whole from a Percent

62.5% of a number is 115. What is the number?

Task card 20 Finding the Whole from a Percent

$0.075 \times n = 24$. What is n?

Task card 21 Finding the Whole from a Percent

Zoe says 42 is 17.5% of 200. Is Zoe right? Write yes or no.

Task card 22 Finding the Whole from a Percent

This year 56 people came to the school fair. That is 17.5% of last year's crowd. How many people came last year?

Task card 23 Finding the Whole from a Percent

48 students walk to school. That is 12.5% of all the students in the school. How many students are in the school?

Task card 24 Finding the Whole from a Percent

175 is 62.5% of a number. What is 37.5% of the same number?

Finding the Whole from a Percent Task Cards

Recording sheet · Grade 6 · Find the whole (the number the percent is taken of). Read each question carefully: they are asked in different ways.

Scan to check your answers

Name: _____ Date: _____

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

Finding the Whole from a Percent Task Cards: Answer Key

Grade 6 · Hard

The answers online

1. 400	**2.** 240	**3.** 200
4. 80	**5.** no	**6.** 160
7. 240	**8.** 60	**9.** 840
10. 120	**11.** 400	**12.** 416
13. yes	**14.** 500	**15.** 142
16. 609	**17.** 328	**18.** 88
19. 184	**20.** 320	**21.** no
22. 320	**23.** 384	**24.** 105