Equivalent Ratio Task Cards

32 task cards and recording sheet for creating and determining equivalent ratios

1. Which of the following are equivalent ratios to 4:3? Select all that apply or write none.
	1. 8:6
	2. 9:12
	3. 12:9
	4. 24:23
2. Which of the following are equivalent ratios to 2:7? Select all that apply or write none.
	1. 14:2
	2. 4:7
	3. 8:21
	4. 1:3
3. Which of the following are equivalent ratios to 5:1? Select all that apply or write none.

* 1. 1:5
	2. 10:2
	3. 15:5
	4. 3:15
1. Which of the following are equivalent ratios to 6 to 9? Select all that apply or write none.
	1. 9 to 6
	2. 2 to 3
	3. 12 to 18
	4. 27 to 18
2. Which of the following are equivalent ratios to 8 to 4? Select all that apply or write none.
	1. 2:2
	2. 2:4
	3. 4:2
	4. 2:1
3. Which of the following are equivalent ratios to 3:7? Select all that apply or write none.
	1. 6 to 14
	2. 14:6
	3. 12:28
	4. 15 to 35
4. Which of the following are equivalent ratios to 9 to 3? Select all that apply or write none.

* 1. 3:1
	2. 15:5
	3. 27:9
	4. 6:2
1. Which of the following are equivalent ratios to 1:4? Select all that apply or write none.
	1. 4:1
	2. 8:2
	3. 2:2
	4. 6:12
2. Complete the ratio table below.

|  |  |
| --- | --- |
| 2 | 6 |
| 3 | 9 |
| 4 |  |
| 6 | 18 |

11) Complete the ratio table below.

10) Complete the ratio table below.

|  |  |
| --- | --- |
| 1 | 5 |
| 3 |  |
| 5 | 25 |
| 9 | 45 |

1. Complete the ratio table below.



|  |  |
| --- | --- |
| 7 | 3 |
| 14 | 6 |
| 28 | 12 |
| 42 |  |

|  |  |
| --- | --- |
|  | 4 |
| 6 | 12 |
| 8 | 16 |
| 12 | 24 |

1. Complete the ratio table below.

|  |  |
| --- | --- |
| 1 | 6 |
| 4 |  |
| 5 | 30 |
| 10 | 60 |

15) Complete the ratio table below.

14) Complete the ratio table below.

|  |  |
| --- | --- |
| 2 |  |
| 4 | 2 |
| 8 | 4 |
| 12 | 6 |

1. Complete the ratio table below.



|  |  |
| --- | --- |
| 8 | 1 |
|  | 2 |
| 24 | 3 |
| 40 | 5 |

|  |  |
| --- | --- |
|  | 9 |
| 8 | 12 |
| 10 | 15 |
| 16 | 24 |

1. Complete the ratio table below.

|  |  |
| --- | --- |
| 2 | 5 |
|  | 15 |
| 16 | 20 |
| 20 | 50 |

19) Complete the ratio table below.

18) Complete the ratio table below.

|  |  |
| --- | --- |
| 3 |  |
| 9 | 72 |
| 11 | 88 |
| 12 | 96 |

1. Complete the ratio table below.



|  |  |
| --- | --- |
| 11 |  |
| 44 | 40 |
| 66 | 60 |
| 110 | 100 |

|  |  |
| --- | --- |
| 8 | 12 |
| 10 | 15 |
| 16 |  |
| 22 | 33 |

1. I have 3 cups of cereal for every 1 cup of milk. Which one of the following is an equivalent ratio for cereal to milk?
	1. 2:1
	2. 6:2
	3. 2:6
	4. 1:3
2. Rachel went to the beach 4 times in the past 2 years. Which one of the following is an equivalent ratio for trips to years?
	1. 1:2
	2. 2:4
	3. 2:1
	4. 8:12
3. My family of 5 needed 1 box of pasta for dinner. Which one of the following is an equivalent ratio for pasta to people?

* 1. 2:10
	2. 10:2
	3. 4:5
	4. 1:1
1. In two of my drawers at home, I have 14 pens. Which one of the following is an equivalent ratio of pens to drawers?
	1. 2:14
	2. 1:7
	3. 7:2
	4. 7:1
2. I got 24 miles for each gallon of gas in my car. Which one of the following is an equivalent ratio of miles to gallons?
	1. 48 to 2
	2. 2 to 48
	3. 1 to 24
	4. 3 to 240
3. Between me and my two sisters, we spent $36. Which one of the following is an equivalent ratio of dollars to people?
	1. 3:36
	2. 2:36
	3. 1:12
	4. 12:1
4. Cooper has 4 nails on each of his paws. Which one of the following is an equivalent ratio for paws to nails?

* 1. 2 to 2
	2. 16 to 3
	3. 4 to 4
	4. 16 to 4
1. The US Women’s soccer team scored 28 goals in 7 games. Which one of the following is an equivalent ratio of goals to games?
	1. 1 to 4
	2. 4 to 1
	3. 14 to 2
	4. 7 to 1
2. Emily had 8 packs of goldfish and 2 cookies. Write an equivalent ratio of goldfish to cookies that is not in the problem.
3. Kate, Chloe, and Payton shared 8 slices of meat. Write an equivalent ratio of people to slices of meat that is not listed in the problem.
4. Carlos has 5 books, 2 pens and 3 folders at his desk. Write an equivalent ratio of pens to books to folders that is not in the problem.

1. There are 12 cats, 15 dogs and 9 hamsters in an animal shelter. What is the simplified ratio of cats to dogs to hamsters in that shelter?

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| --- |
| Name: Date: Block: Student #: Equivalent Ratio Task Cards Recording Sheet |
| 1. | 2. | 3. | 4. |
| 5. | 6. | 7. | 8. |
| 9. | 10. | 11. | 12. |
| 13. | 14. | 15. | 16. |
| 17. | 18. | 19. | 20. |
| 21. | 22. | 23. | 24. |
| 25. | 26. | 27. | 28. |
| 29. | 30. | 31. | 32. |

|  |
| --- |
| Name: Date: Block: Student #: Equivalent Ratio Task Cards Recording Sheet Answer Key |
| 1. A , C | 2. none | 3. B | 4. B , C |
| 5. C , D | 6. A , C , D | 7. A , B , C , D | 8. none |
| 9. 12 | 10. 15 | 11. 18 | 12. 2 |
| 13. 24 | 14. 1 | 15. 16 | 16. 6 |
| 17. 10 | 18. 8 | 19. 10 | 20. 24 |
| 21. B | 22. C | 23. A | 24. D |
| 25. A | 26. C | 27. D | 28. B |
| 29. Answers will vary | 30. Answers will vary | 31. Answers will vary | 32. 4:5:3 or 4 to 5 to 3 |