Task card 1 Exponential & Logarithmic Equation...

Solve for x: $4^x = 16$

Task card 2 Exponential & Logarithmic Equation...

Solve for x: $\log_3(x) = 1$

Task card 3 Exponential & Logarithmic Equation...

Solve for x: $2^x = 32$

Task card 4 Exponential & Logarithmic Equation...

Solve for x: $\log_5(x) = 6$

Task card 5 Exponential & Logarithmic Equation...

Solve for x: $5^x = 3125$

Task card 6 Exponential & Logarithmic Equation...

Solve for x: $\log_5(x) = 3$

Task card 7 Exponential & Logarithmic Equation...

Solve for x: $3^x = 81$

Task card 8 Exponential & Logarithmic Equation...

Solve for x: $\log_5(x) = 1$

Task card 9 Exponential & Logarithmic Equation...

Solve for x: $4^x = 4096$

Task card 10 Exponential & Logarithmic Equation...

Solve for x: $\log_5(x) = 7$

Task card 11 Exponential & Logarithmic Equation...

Solve for x: $\log_5(x) = 5$

Task card 12 Exponential & Logarithmic Equation...

Solve for x: $3^x = 3$

Task card 13 Exponential & Logarithmic Equation...

Solve for x: $\log_4(x) = 2$

Task card 14 Exponential & Logarithmic Equation...

Solve for x: $5^x = 78125$

Task card 15 Exponential & Logarithmic Equation...

Solve for x: $\log_3(x) = 4$

Task card 16 Exponential & Logarithmic Equation...

Solve for x: $2^x = 64$

Task card 17 Exponential & Logarithmic Equation...

Solve for x: $\log_2(x) = 5$

Task card 18 Exponential & Logarithmic Equation...

Solve for x: $5^x = 15625$

Task card 19 Exponential & Logarithmic Equation...

Solve for x: $\log_4(x) = 7$

Task card 20 Exponential & Logarithmic Equation...

Solve for x: $2^x = 128$

Task card 21 Exponential & Logarithmic Equation...

Solve for x: $4^x = 256$

Task card 22 Exponential & Logarithmic Equation...

Solve for x: $5^x = 625$

Task card 23 Exponential & Logarithmic Equation...

Solve for x: $\log_3(x) = 6$

Task card 24 Exponential & Logarithmic Equation...

Solve for x: $2^x = 8$

Exponential & Logarithmic Equations Task Cards

Recording sheet · Grade 11 · Solve for x.

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

Exponential & Logarithmic Equations Task Cards: Answer Key

Grade 11 · Medium

The answers online

1. 2	**2.** 3	**3.** 5
4. 15625	**5.** 5	**6.** 125
7. 4	**8.** 5	**9.** 6
10. 78125	**11.** 3125	**12.** 1
13. 16	**14.** 7	**15.** 81
16. 6	**17.** 32	**18.** 6
19. 16384	**20.** 7	**21.** 4
22. 4	**23.** 729	**24.** 3