**Task card 1** Common Logs, Natural Logs & Change...

Use the change-of-base formula to evaluate $\log_5(119)$.

**Task card 2** Common Logs, Natural Logs & Change...

Evaluate: $\ln(152)$

**Task card 3** Common Logs, Natural Logs & Change...

Evaluate: $\ln(e^{-3})$

**Task card 4** Common Logs, Natural Logs & Change...

Use the change-of-base formula to evaluate $\log_9(138)$.

**Task card 5** Common Logs, Natural Logs & Change...

Evaluate: $\log(3665)$

**Task card 6** Common Logs, Natural Logs & Change...

Evaluate: $e^{\ln 9}$

**Task card 7** Common Logs, Natural Logs & Change...

Use the change-of-base formula to evaluate $\log_6(157)$.

**Task card 8** Common Logs, Natural Logs & Change...

Use the change-of-base formula to evaluate $\log_8(33)$.

**Task card 9** Common Logs, Natural Logs & Change...

Use the change-of-base formula to evaluate $\log_2(155)$.

**Task card 10** Common Logs, Natural Logs & Change...

Evaluate: $\ln(318)$

**Task card 11** Common Logs, Natural Logs & Change...

Evaluate: $\ln(e^9)$

**Task card 12** Common Logs, Natural Logs & Change...

Use the change-of-base formula to evaluate $\log_7(85)$.

**Task card 13** Common Logs, Natural Logs & Change...

Evaluate: $\log(2891)$

**Task card 14** Common Logs, Natural Logs & Change...

Evaluate: $e^{\ln 8}$

**Task card 15** Common Logs, Natural Logs & Change...

Use the change-of-base formula to evaluate $\log_7(197)$.

**Task card 16** Common Logs, Natural Logs & Change...

Use the change-of-base formula to evaluate $\log_5(165)$.

**Task card 17** Common Logs, Natural Logs & Change...

Use the change-of-base formula to evaluate $\log_4(83)$.

**Task card 18** Common Logs, Natural Logs & Change...

Evaluate: $\ln(87)$

**Task card 19** Common Logs, Natural Logs & Change...

Use the change-of-base formula to evaluate $\log_6(78)$.

**Task card 20** Common Logs, Natural Logs & Change...

Evaluate: $\log(1368)$

**Task card 21** Common Logs, Natural Logs & Change...

Evaluate: $e^{\ln 21}$

**Task card 22** Common Logs, Natural Logs & Change...

Use the change-of-base formula to evaluate $\log_3(274)$.

**Task card 23** Common Logs, Natural Logs & Change...

Use the change-of-base formula to evaluate $\log_7(322)$.

**Task card 24** Common Logs, Natural Logs & Change...

Use the change-of-base formula to evaluate $\log_7(120)$.

# Common Logs, Natural Logs & Change of Base Task Cards

Recording sheet · Grade 11 · Evaluate. When the answer is not exact, use a calculator and round to the nearest hundredth.

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 |

# Common Logs, Natural Logs & Change of Base Task Cards: Answer Key

Grade 11 · Hard

The answers online

| | | |
|---|---|---|
| **1.** 2.97 | **2.** 5.02 | **3.** -3 |
| **4.** 2.24 | **5.** 3.56 | **6.** 9 |
| **7.** 2.82 | **8.** 1.68 | **9.** 7.28 |
| **10.** 5.76 | **11.** 9 | **12.** 2.28 |
| **13.** 3.46 | **14.** 8 | **15.** 2.72 |
| **16.** 3.17 | **17.** 3.19 | **18.** 4.47 |
| **19.** 2.43 | **20.** 3.14 | **21.** 21 |
| **22.** 5.11 | **23.** 2.97 | **24.** 2.46 |