

PUZZLE SHEET

Exponential and log graphs match-up

Match each function to its graph.

A $y = 5^x - 3$

B $y = \log_{10}(x)$

C $y = 2^{2x} + 2$

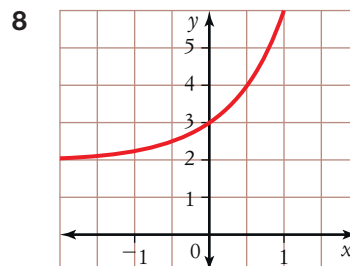
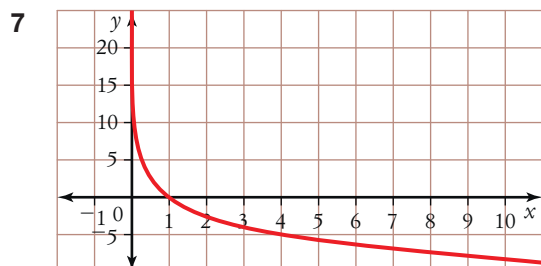
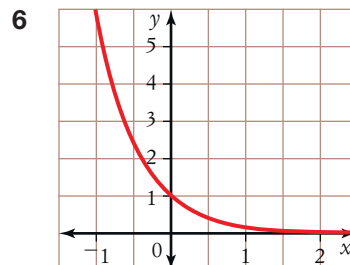
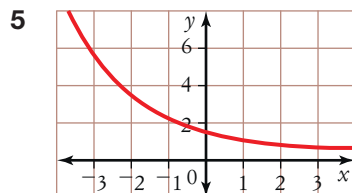
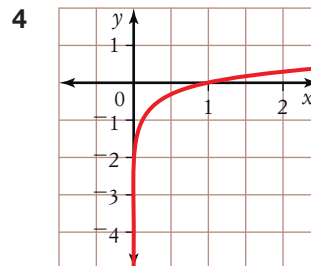
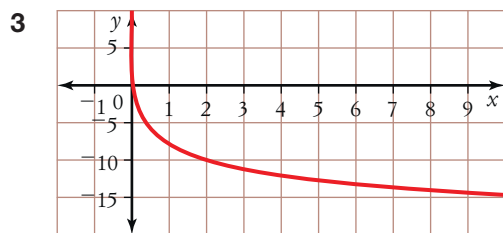
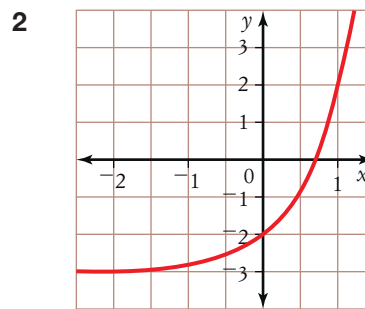
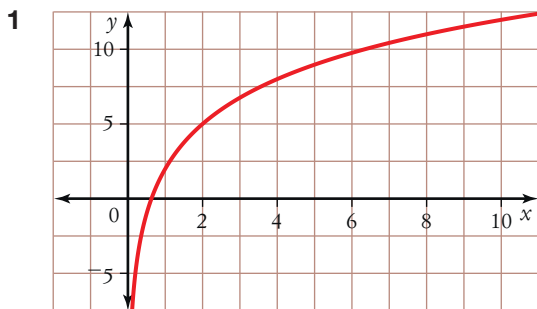
D $y = 3\log_2(x) + 2$

E $y = -4\log_3(x)$

F $y = 6^{-x}$

G $y = -4\log_4(4x) - 4$

H $y = 3^{-\frac{x}{2}} + \frac{1}{2}$



Answers

- A** 2
- B** 4
- C** 8
- D** 1
- E** 7
- F** 6
- G** 3
- H** 5