

2, 10, 17, (22)

10. Use these specific rate constants to complete Table 3.

A Table 3. Values of k, Specific Rate Constant at Various Temps.

	Temp (K)	1/Temp (1/K)	k	log k
0	273	$3.66 \times 10^{-3}$	0.0112	-4.49
2	275	$3.63 \times 10^{-3}$	0.0087	-5.59
10	283	$3.53 \times 10^{-3}$	0.0104	-4.56
17	290	$3.45 \times 10^{-3}$	0.0099	-2.00
28	298	$3.34 \times 10^{-3}$	0.0285	-1.545

$\frac{E}{RT}$   $10^0$  Then begin explanation

D slope

Typ.