# Identifying Base and Exponent

Identify the base and exponent in each of the following.

1) $(-19)^{-6}$

Base = _____

Exponent = _____

2) $\left(-\frac{3}{5}\right)^{3}$

Base = _____

Exponent = _____

3) $5^{-7}$

Base = _____

Exponent = _____

4) $4^{2}$

Base = _____

Exponent = _____

5) $(-1.8)^{-4}$

Base = _____

Exponent = _____

6) $(-12)^{8}$

Base = _____

Exponent = _____

7) $\left(\frac{17}{19}\right)^{-5}$

Base = _____

Exponent = _____

8) $3^{7}$

Base = _____

Exponent = _____

9) $(-13)^{-3}$

Base = _____

Exponent = _____

10) $(-9)^{4}$

Base = _____

Exponent = _____

11) $17^{-8}$

Base = _____

Exponent = _____

12) $15^{6}$

Base = _____

Exponent = _____

13) $(9.4)^{-9}$

Base = _____

Exponent = _____

14) $(-6)^{5}$

Base = _____

Exponent = _____

15) $8^{-2}$

Base = _____

Exponent = _____

# Identifying Base and Exponent

Answer key

Identify the base and exponent in each of the following.

1) $(-19)^{-6}$

Base = **–19**

Exponent = **–6**

2) $\left(-\frac{3}{5}\right)^{3}$

Base = **$-\frac{3}{5}$**

Exponent = **3**

3) $5^{-7}$

Base = **5**

Exponent = **–7**

4) $4^{2}$

Base = **4**

Exponent = **2**

5) $(-1.8)^{-4}$

Base = **–1.8**

Exponent = **–4**

6) $(-12)^{8}$

Base = **–12**

Exponent = **8**

7) $\left(\frac{17}{19}\right)^{-5}$

Base = **$\frac{17}{19}$**

Exponent = **–5**

8) $3^{7}$

Base = **3**

Exponent = **7**

9) $(-13)^{-3}$

Base = **–13**

Exponent = **–3**

10) $(-9)^{4}$

Base = **–9**

Exponent = **4**

11) $17^{-8}$

Base = **17**

Exponent = **–8**

12) $15^{6}$

Base = **15**

Exponent = **6**

13) $(9.4)^{-9}$

Base = **9.4**

Exponent = **–9**

14) $(-6)^{5}$

Base = **–6**

Exponent = **5**

15) $8^{-2}$

Base = **8**

Exponent = **–2**