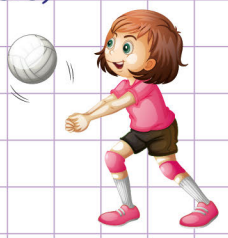
Name: ..... Class: .....

Estimate products

In each case, estimate and calculate products. (follow the example)



a. Estimate the product of **34** and **79** to the nearest ten.

b. Estimate the product of **56** and **24** to the nearest ten.

c. Estimate the product of **431** and **71** by rounding to the nearest hundred and ten respectively.

d. Estimate the product of **558** and **6,780.** Round to the nearest hundred and thousand respectively.

Solution

mathskills4kids

Name: ..... Class: .....

Estimate products

In each case, estimate and calculate products. (follow the example)

a. Estimate the product of **34** and **79** to the nearest ten.

▸ 34 ⟶ **30**
34 is rounded down to **30**

▸ 79 ⟶ **80**
79 is rounded up to **80**

```
  3 0
x 8 0
  0 0
+ 2,4 0 0
  2,4 0 0
```

The estimated product is 2,400

b. Estimate the product of **56** and **24** to the nearest ten.

▸ 56 ⟶ **60**
56 is rounded up to **60**

▸ 24 ⟶ **20**
24 is rounded down to **20**

```
  6 0
x 2 0
  0 0
+ 1,2 0 0
  1,2 0 0
```

The estimated product is 1,200

c. Estimate the product of **431** and **71** by rounding to the nearest hundred and ten respectively.

▸ 431 ⟶ **400**
431 is rounded down to **400**

▸ 71 ⟶ **70**
71 is rounded up to **70**

```
  4 0 0
x   7 0
  0 0 0
+ 28,0 0 0
  28,0 0 0
```

The estimated product is 28,000

d. Estimate the product of **558** and **6,780.** Round to the nearest hundred and thousand respectively.

▸ 558 ⟶ **600**
558 is rounded up to **600**

▸ 6,780 ⟶ **7,000**
6,780 is rounded up to **7,000**

```
  6,(0 0)
x 7,(0 0 0)
  42,0 0 0,0 0
  4,2 0 0,0 0 0
```

The estimated product is 4,200,000