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

Estimate quotients: word problems

a. There are **8,352** people at a football stadium to watch a match. If there are **7** seats in each row, about how many rows will all the people in the stadium sit in?

b. A wedding planner needs to arrange **621** flowers in vases for a wedding. If each vase can hold **8** flowers, about how many vases will the wedding planner need,

c. A soccer coach has **$ 713** to spend on new soccer balls. If each soccer ball cost **$ 2**, about how many soccer-balls will the soccer coach buy?

mathskills4kids

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

Estimate quotients: word problems

a. There are **8,352** people at a football stadium to watch a match. If there are **7** seats in each row, about how many rows will all the people in the stadium sit in?

> To solve this, divide the number of people by the number of seats in each row
> 8,352 ÷ 7
> Now, let's use a suitable number to estimate the quotient.
> 8,352 ÷ 7 ⟶ 8,400 ÷ 7 = 1,200

> So, 1,200 rows is the better estimate.

b. A wedding planner needs to arrange **621** flowers in vases for a wedding. If each vase can hold **8** flowers, about how many vases will the wedding planner need,

> To solve this, divide the number of flowers by the number of flowers each vase holds
> 621 ÷ 8
> Now, let's use a suitable number to estimate the quotient.
> 621 ÷ 8 ⟶ 600 ÷ 8 = 75

> So, 75 vases is a better estimate.

c. A soccer coach has **$ 713** to spend on new soccer balls. If each soccer ball cost **$ 2**, about how many soccer-balls will the soccer coach buy?

> To solve this, divide the amount the coach has by the cost of each ball
> $ 713 ÷ $ 2
> Now, let's use a suitable number to estimate the quotient.
> $ 713 ÷ $ 2 ⟶ 700 ÷ 2 = 350

> So, 350 soccer balls is a better estimate.