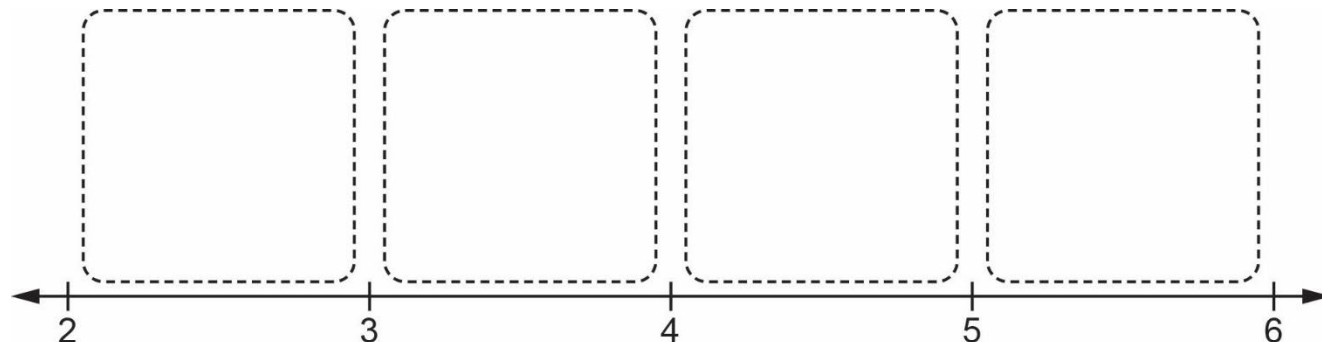Name_____ Date_____

Close to Perfect!

1. Cut out the square root cards.
    Place each card in the bin that best estimates its square root.

2. For the four blank cards, write a number under each square root sign
    so that one card fits in each bin.

$\sqrt{32}$	$\sqrt{18}$	$\sqrt{10}$	$\sqrt{5}$
$\sqrt{7.8}$	$\sqrt{31.86}$	$\sqrt{23.2}$	$\sqrt{11.8}$
$\sqrt{19\frac{1}{3}}$	$\sqrt{\frac{19}{2}}$	$\sqrt{\frac{23}{5}}$	$\sqrt{27\frac{5}{8}}$
$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$

Close to Perfect! (cont'd)

3. For each square root below:

   a) Estimate its value to the nearest whole number.
      Explain your reasoning.

   b) Estimate its value to the nearest tenth.
      Explain your reasoning.

   c) Check your answer using a calculator.

$$\sqrt{32} \qquad \sqrt{18} \qquad \sqrt{23.\overline{2}} \qquad \sqrt{19\frac{1}{3}}$$