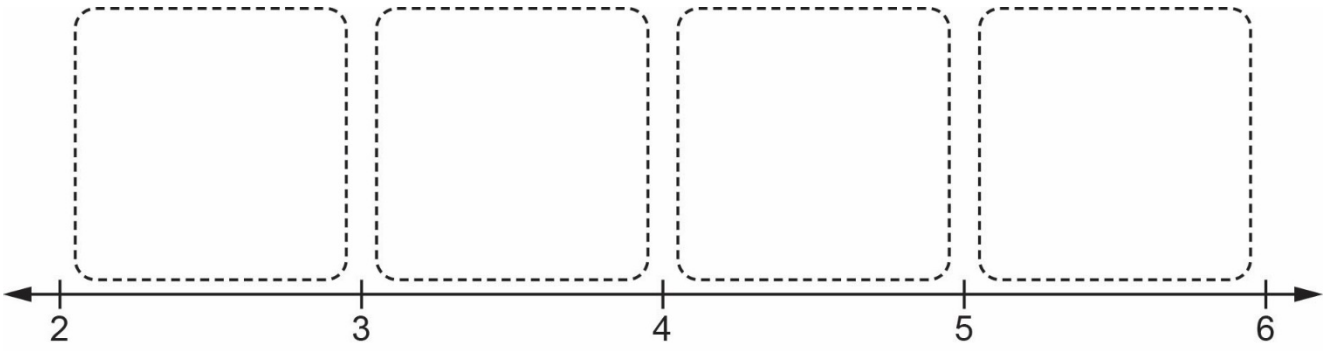
Name_____ Date_____

Number
Unit 1 Line Master 8a

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.



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

Name_____ Date_____

Number
Unit 1 Line Master 8b

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.

$\sqrt{32}$ $\sqrt{18}$ $\sqrt{23.2}$ $\sqrt{19\frac{1}{3}}$