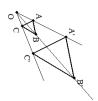
In the image below, triangle ABC has been dilated from center O by a scale factor of r=4. If $B^*C=28$, what is the length of BC?

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ExamView



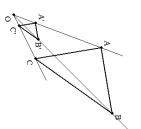
In the image below, triangle ABC has been dilated from center O by a scale factor of r=3. If AC=6, what is the length of A'C'?



math8_03_03_examples_notes.gwb - 3/18 - Sun Oct 27 2019 10:15:16

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In the image below, triangle ABC has been dilated from center O by a scale factor of $r=\frac{1}{4}$. If OA=36, what is the length of OA'?



O C BB

math8_03_03_examples_notes.gwb - 4/18 - Sun Oct 27 2019 10:16:27

ExamView

In the image below, triangle ABC has been dilated from center O by a scale factor of $r=\frac{1}{3}$. If A'B'=9, what is the length of AB?

1

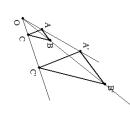
In the image below, triangle ABC has been dilated from center O by a scale factor of r=3. If OB=7, what is the length of OB?

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ExamView



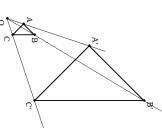
In the image below, triangle ABC has been dilated from center O by a scale factor of r=3. If BC=4, what is the length of B'C'?



malh8_03_03_examples_notes.gwb - 7/18 - Sun Oct 27 2019 10:19:24

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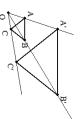
In the image below, triangle ABC has been dilated from center O by a scale factor of r=5. If BC=6, what is the length of B'C'?



math8_03_03_examples_notes.gwb - 8/18 - Sun Oct 27 2019 10:20:18

ExamView 2

In the image below, triangle ABC has been dilated from center O by a scale factor of r=3. If $OA^*=24$, what is the length of OA?

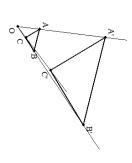


2

ExamView



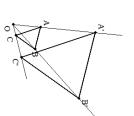
In the image below, triangle ABC has been dilated from center O by a scale factor of r=4. If OC=4, what is the length of OC?



math8_03_03_examples_notes.gwb - 11/18 - Sun Oct 27 2019 10:23:04

ExamView

In the image below, triangle ABC has been dilated from center O by a scale factor of r=3. If OB'=18, what is the length of OB?

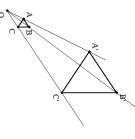


In the image below, triangle ABC has been dilated from center O by a scale factor of r=3. If OB=6, what is the length of OB^{*} ?

ExamView

math8_03_03_examples_notes.gwb - 12/18 - Sun Oct 27 2019 10:23:52

In the image below, triangle ABC has been dilated from center O by a scale factor of r=5. If OC=15, what is the length of OC?



3

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ExamView

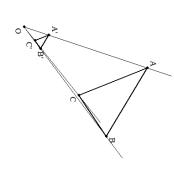


In the image below, triangle ABC has been dilated from center O by a scale factor of $r = \frac{1}{5}$. If OA = 30, what is the length of OA'?

factor of $r = \frac{1}{5}$. If BC = 40, what is the length of B'C'?

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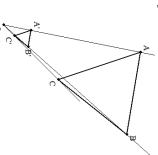
In the image below, triangle ABC has been dilated from center O by a scale



math8_03_03_examples_notes.gwb - 15/18 - Sun Oct 27 2019 10:27:37



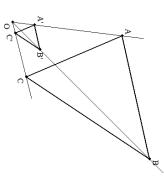
In the image below, triangle ABC has been dilated from center O by a scale factor of $r = \frac{1}{5}$. If B'C' = 7, what is the length of BC?



math8_03_03_examples_notes.gwb - 16/18 - Sun Oct 27 2019 10:28:54



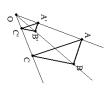
In the image below, triangle ABC has been dilated from center O by a scale factor of $r=\frac{1}{5}$. If OA'=4, what is the length of OA?



4

math8_03_03_examples_notes.gwb - 17/18 - Sun Oct 27 2019 10:30.08

In the image below, triangle ABC has been dilated from center O by a scale factor of $r=\frac{1}{3}$. If BC=27, what is the length of B'C?



ExamView

math8_03_03_examples_notes.gwb - 18/18 - Sun Oct 27 2019 10:32:26

In the image below, triangle ABC has been dilated from center O by a scale factor of $r=\frac{1}{5}$. If AB=15, what is the length of AB'?

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