Factorial Examples with SimBraille

1. Six factorial is written

2. Four factorial equals twenty-four is written

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4! = 24
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3. Five factorial equals five time four times three times two times one is written

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5! = 5 \times 4 \times 3 \times 2 \times 1
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 n factorial equals n times open parenthesis n minus one close parenthesis times open parenthesis n minus two close parenthesis times ellipsis times three times two times one is written

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5. Open fraction n factorial over open parenthesis n minus k close parenthesis factorial close fraction is written

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\frac{n!}{(n-k)!}
```

6. Open fraction five factorial over one factorial four factorial close fraction is written

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5!
1!4!
```

7. Open fraction n factorial over open parenthesis n minus r close parenthesis factorial r factorial close fraction is written