



Quiz title

FRC 2016: Stronghold Game Test - Copy

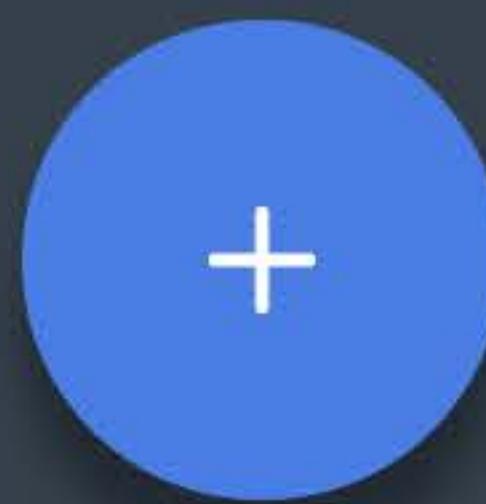
SHOW TIPS

How well do you know the FIRST Robotics Competition Stronghold Game Manual? Take this test to find out!

✓ GRADED OUTCOME



- 1 Each match begins wit...
- 2 The series of ramps an...
- 3 The hole at the bottom...
- 4 The door that is 1/4" thi...
- 5 Each tower has __ go...
- 6 Which of the following ...
- 7 The diameters of a bou...
- 8 The autonomous perio...
- 9 BOULDERS that exit th...
- 10 A TOWER is CAPTURE...
- 11 In a qual match the Re...



Question title

Each match begins with ___ boulders.

Description (optional)



ANSWER TYPE

SELECT ONE SELECT ALL TRUE/FALSE

12

16

18

20

24

ADD ANSWER

Feedback (optional)



1 Each match begins wit...

2 The series of ramps an...

3 The hole at the bottom...

4 The door that is 1/4" thi...

5 Each tower has __ go...

6 Which of the following ...

7 The diameters of a bou...

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Question title

**The series of ramps and dividers
that compose the base of the
TOWER is known as the _____**

Description (optional)



ANSWER TYPE



SELECT ONE

SELECT ALL

TRUE/FALSE

Berm



Batter



Brattice



Platform



Harold



+ ADD ANSWER

Feedback (optional)



- 1 Each match begins wit...
- 2 The series of ramps an...
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- 4 The door that is 1/4" thi...
- 5 Each tower has __ go...
- 6 Which of the following ...
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Question title

The hole at the bottom of the HUMAN PLAYER wall diamond plate which can be used by an ALLIANCE to introduce BOULDERS to the FIELD is known as _____

Description (optional)



ANSWER TYPE

SELECT ONE

SELECT ALL

TRUE/FALSE

- Portcullis
- Steward
- Rampart
- Cheval de Frise
- Embrasure

+ ADD ANSWER



- 1 Each match begins wit...
- 2 The series of ramps an...
- 3 The hole at the bottom...
- 4 The door that is 1/4" thi...
- 5 Each tower has __ go...
- 6 Which of the following ...
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Question title

The door that is 1/4" thick, 4 ft. wide, 2 ft. tall that can only swing toward the NEUTRAL ZONE is known as the _____.

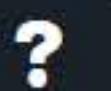
Description (optional)



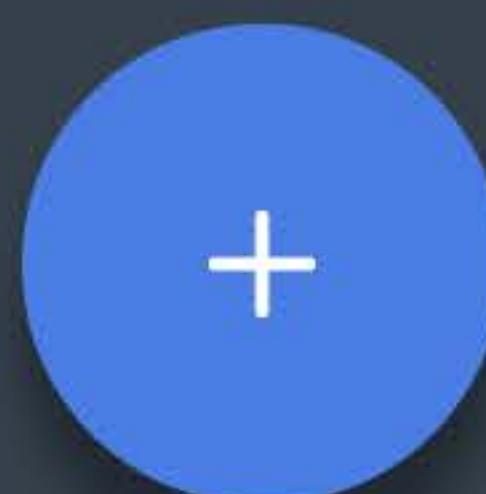
ANSWER TYPE

SELECT ONE SELECT ALL TRUE/FALSE

- Draw bridge
 - Sally Port
 - Cordura
 - Secret Passage
 - Barrier
- ADD ANSWER



- 1 Each match begins wit...
- 2 The series of ramps an...
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Question title

Each tower has ___ goals.

Description (optional)



ANSWER TYPE

SELECT ONE SELECT ALL TRUE/FALSE

2



3



4



5



6



ADD ANSWER

Feedback (optional)



- 1 Each match begins wit...
- 2 The series of ramps an...
- 3 The hole at the bottom...
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- 5 Each tower has __ go...
- 6 Which of the following ...
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- 8 The autonomous perio...
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Question title

Which of the following is true?

Description (optional)



ANSWER TYPE

SELECT ONE SELECT ALL TRUE/FALSE

- The rung is made of aluminum and it's top is 7 ft. 4in. from the FIELD carpet
 - The rung is made of aluminum and it's top is 6 ft. 4in. from the FIELD carpet
 - The rung is made of steel and it's top is 7 ft. 4in. from the FIELD carpet
 - The rung is made of steel and it's top is 6 ft. 4in. from the FIELD carpet
 - The rung is made of steel and it's top is 8 ft. 4in. from the FIELD carpet
- ADD ANSWER



JH

- 1 Each match begins wit...
- 2 The series of ramps an...
- 3 The hole at the bottom...
- 4 The door that is 1/4" thi...
- 5 Each tower has __ go...
- 6 Which of the following ...
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Question title

The diameters of a boulder is ____.

Description (optional)



ANSWER TYPE

SELECT ONE SELECT ALL TRUE/FALSE

6 inches

8 inches

10 inches

12 inches

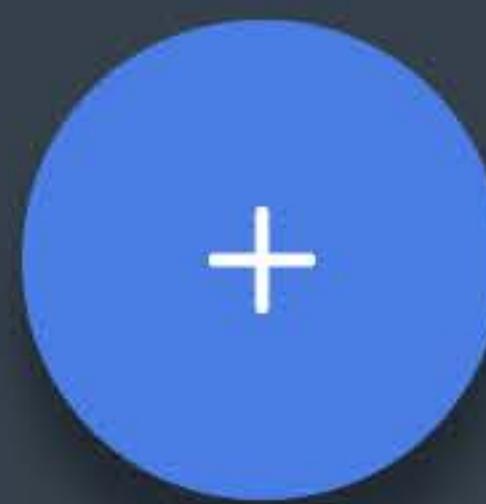
18 inches

ADD ANSWER

Feedback (optional)



- 1 Each match begins wit...
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Question title

The autonomous period is the first _____ of the match.

Description (optional)



ANSWER TYPE

SELECT ONE SELECT ALL TRUE/FALSE

5 Seconds

10 Seconds

15 Seconds

20 Seconds

30 Seconds

ADD ANSWER

Feedback (optional)



- 1 Each match begins wit...
- 2 The series of ramps an...
- 3 The hole at the bottom...
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Question title

**BOULDERS that exit the FIELD
over a GUARDRAIL during a
MATCH are _____.**

Description (optional)



ANSWER TYPE

SELECT ONE SELECT ALL TRUE/FALSE

not placed back into the FIELD

placed into the nearest team's corral

placed back into the FIELD approximately at the point of exit

placed back into the FIELD randomly

placed back into the FIELD at the neutral zone

ADD ANSWER

Feedback (optional)



- 1 Each match begins wit...
- 2 The series of ramps an...
- 3 The hole at the bottom...
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- 5 Each tower has __ go...
- 6 Which of the following ...
- 7 The diameters of a bou...
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QUESTION TITLE

A TOWER is CAPTURED if, at the conclusion of the MATCH

Description (optional)

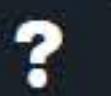


ANSWER TYPE

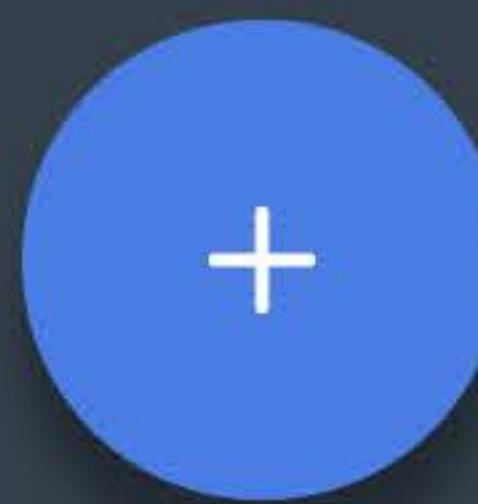
SELECT ONE SELECT ALL TRUE/FALSE

- the tower is weakened
- 3 opponent ROBOTS has SCALED or CHALLENGED a unique face of the TOWER.
- the tower is weakened *AND* 3 opponent ROBOTS has SCALED or CHALLENGED a unique face of the TOWER
- 4 out of the 5 alliance's DEFENSES have been DAMAGED
- the tower is weakened *AND* 3 opponent ROBOTS has SCALED or CHALLENGED a unique face of the TOWER *AND* 4 out of the 5 alliance's DEFENSES have been DAMAGED

ADD ANSWER



- 1 Each match begins wit...
- 2 The series of ramps an...
- 3 The hole at the bottom...
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Question title

In a qual match the Red alliance captured the tower. Which is true?

Description (optional)



ANSWER TYPE

SELECT ONE SELECT ALL TRUE/FALSE

They score 20 points

They score 25 points

They score 1 RP

They score 20 points + 1 RP

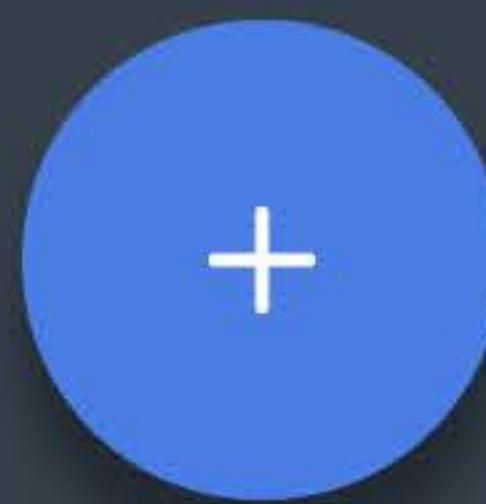
They score 25 points + 1 RP

ADD ANSWER

Feedback (optional)



- 8 The autonomous perio...
- 9 BOULDERS that exit th...
- 10 A TOWER is CAPTURE...
- 11 In a qual match the Re...
- 12 Crossing a damaged d...
- 13 During Auto a BOULDE...
- 14 What is a foul?
- 15 The spy bot may start ...
- 16 Which of the following ...
- 17 ROBOT height, as mea...
- 18 ROBOTS may not exte...



Question title

Crossing a damaged defence scores _____.

Description (optional)



ANSWER TYPE

SELECT ONE SELECT ALL TRUE/FALSE

0 points

2 points

5 points

10 points

15 points

ADD ANSWER

Feedback (optional)



- 8 The autonomous perio...
- 9 BOULDERS that exit th...
- 10 A TOWER is CAPTURE...
- 11 In a qual match the Re...
- 12 Crossing a damaged d...
- 13 During Auto a BOULDE...
- 14 What is a foul?
- 15 The spy bot may start ...
- 16 Which of the following ...
- 17 ROBOT height, as mea...
- 18 ROBOTS may not exte...



Question title

During Auto a BOULDER in a Low TOWER GOAL scores _____.

Description (optional)



ANSWER TYPE

SELECT ONE SELECT ALL TRUE/FALSE

- 1 point
 - 2 points
 - 4 points
 - 5 points
 - 10 points
- ADD ANSWER

Feedback (optional)



8 The autonomous perio... ⚙

9 BOULDERS that exit th... ⚙

10 A TOWER is CAPTURE... ⚙

11 In a qual match the Re... ⚙

12 Crossing a damaged d... ⚙

13 During Auto a BOULDE... ⚙

14 What is a foul? ⚙

15 The spy bot may start ... ⚙

16 Which of the following ... ⚙

17 ROBOT height, as mea... ⚙

18 ROBOTS may not exte... ⚙



Question title

What is a foul?

Description (optional)



ANSWER TYPE



SELECT ONE

SELECT ALL

TRUE/FALSE

5 points credited towards the opponent's total score. ⚙

10 points credited towards the opponent's total score. ⚙

15 points credited towards the opponent's total score. ⚙

5 point penalty removed from your score total score. ⚙

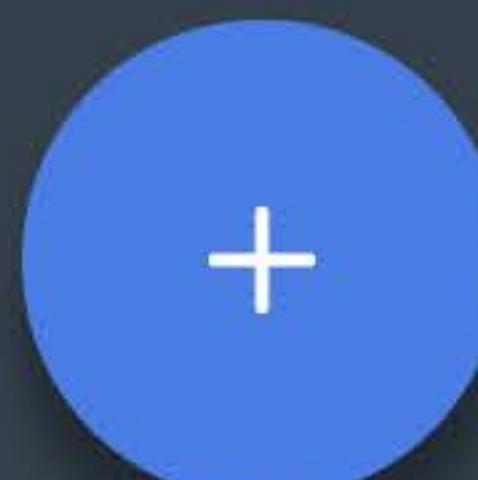
10 point penalty removed from your score total score. ⚙

ADD ANSWER

Feedback (optional)



- 8 The autonomous perio...
- 9 BOULDERS that exit th...
- 10 A TOWER is CAPTURE...
- 11 In a qual match the Re...
- 12 Crossing a damaged d...
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- 15 The spy bot may start ...
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- 17 ROBOT height, as mea...
- 18 ROBOTS may not exte...



Question title

The spy bot may start _____.

Description (optional)



ANSWER TYPE

SELECT ONE SELECT ALL TRUE/FALSE

- only inside the secret passage
- anywhere inside the COURTYARD
- inside the COURTYARD and touching the center line
- inside the COURTYARD and touching the alignment line
- inside the COURTYARD, in contact with both the CASTLE WALL and GUARDRAIL

+ ADD ANSWER

Feedback (optional)



- 8 The autonomous perio... ⓘ
- 9 BOULDERS that exit th... ⓘ
- 10 A TOWER is CAPTURE... ⓘ
- 11 In a qual match the Re... ⓘ
- 12 Crossing a damaged d... ⓘ
- 13 During Auto a BOULDE... ⓘ
- 14 What is a foul? ⓘ
- 15 The spy bot may start ... ⓘ
- 16 Which of the following ... ⓘ
- 17 ROBOT height, as mea... ⓘ
- 18 ROBOTS may not exte... ⓘ



Question title

Which of the following is true?

Description (optional)



ANSWER TYPE



SELECT ONE

SELECT ALL

TRUE/FALSE

- Defences start with 3 strength and towers start with 8 strength ⓘ
- Defences start with 2 strength and towers start with 8 strength ⓘ
- Defences start with 3 strength and towers start with 10 strength ⓘ
- Defences start with 2 strength and towers start with 10 strength ⓘ
- Defences start with 1 strength and towers start with 8 strength ⓘ
- [+ ADD ANSWER](#)

Feedback (optional)



10 A TOWER is CAPTURE...

11 In a qual match the Re...

12 Crossing a damaged d...

13 During Auto a BOULDE...

14 What is a foul?

15 The spy bot may start ...

16 Which of the following ...

17 ROBOT height, as mea...

18 ROBOTS may not exte...

19 ROBOTS may not pin a...

20 No more than ___ BO...



Question title

ROBOT height, as measured when it's resting normally on a flat floor, may not exceed _____ during the MATCH, except during the final 20 seconds.

Description (optional)



ANSWER TYPE

SELECT ONE

SELECT ALL

TRUE/FALSE

4 ft.

4 ft. 6 in.

5 ft.

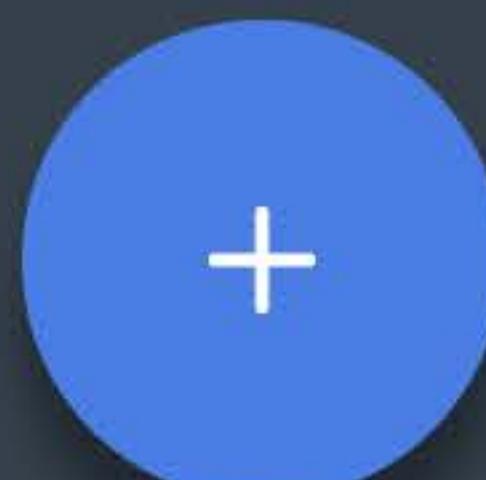
5 ft. 6 in.

6 ft.

ADD ANSWER



- 10 A TOWER is CAPTURE...
- 11 In a qual match the Re...
- 12 Crossing a damaged d...
- 13 During Auto a BOULDE...
- 14 What is a foul?
- 15 The spy bot may start ...
- 16 Which of the following ...
- 17 ROBOT height, as mea...
- 18 ROBOTS may not exte...
- 19 ROBOTS may not pin a...
- 20 No more than ____ BO...



Question title

ROBOTS may not extend more than _____ beyond their FRAME PERIMETER.

Description (optional)



ANSWER TYPE

SELECT ONE

SELECT ALL

TRUE/FALSE

- 10 in.
- 12 in.
- 15 in.
- 18 in.
- 24 in.

ADD ANSWER

Feedback (optional)



- 12 Crossing a damaged d... ⓘ
- 13 During Auto a BOULDE... ⓘ
- 14 What is a foul? ⓘ
- 15 The spy bot may start ... ⓘ
- 16 Which of the following ... ⓘ
- 17 ROBOT height, as mea... ⓘ
- 18 ROBOTS may not exte... ⓘ
- 19 ROBOTS may not pin a... ⓘ
- 20 No more than ___ BO... ⓘ
- 21 The WITHHOLDING AL... ⓘ
- 22 At any given time, only... ⓘ



Question title

ROBOTS may not pin an opponent's ROBOT for more than _____ seconds. ROBOT are considered pinned until the ROBOTS have separated by at least _____ feet.

Description (optional)



ANSWER TYPE



SELECT ONE

SELECT ALL

TRUE/FALSE

- 10, 5 ⓘ
- 5, 5 ⓘ
- 5, 6 ⓘ
- 6, 5 ⓘ
- 10, 10 ⓘ

+ ADD ANSWER



12 Crossing a damaged d... ☰

13 During Auto a BOULDE... ☰

14 What is a foul? ☰

15 The spy bot may start ... ☰

16 Which of the following ... ☰

17 ROBOT height, as mea... ☰

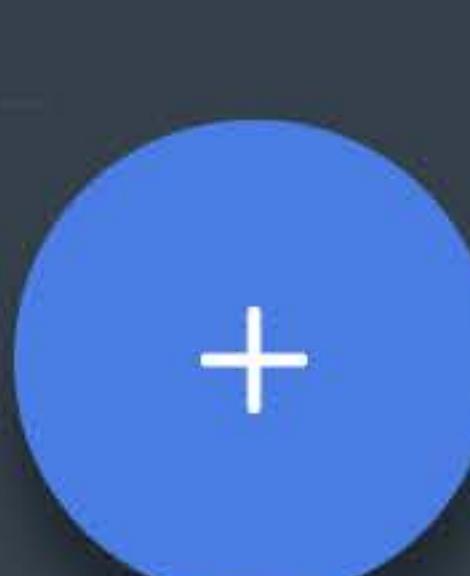
18 ROBOTS may not exte... ☰

19 ROBOTS may not pin a... ☰

20 No more than ___ BO... ☰

21 The WITHHOLDING AL... ☰

22 At any given time, only... ☰



Question title

No more than ___ BOULDERS
may remain in a CASTLE at any
time.

Description (optional)



ANSWER TYPE ☰



SELECT ONE

SELECT ALL

TRUE/FALSE

3 ☰

5 ☰

6 ☰

8 ☰

10 ☰

+ ADD ANSWER

Feedback (optional)



12 Crossing a damaged d... ☰

13 During Auto a BOULDE... ☰

14 What is a foul? ☰

15 The spy bot may start ... ☰

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17 ROBOT height, as mea... ☰

18 ROBOTS may not exte... ☰

19 ROBOTS may not pin a... ☰

20 No more than ___ BO... ☰

21 The WITHHOLDING AL... ☰

22 At any given time, only... ☰



Question title

The **WITHHOLDING ALLOWANCE**
is a static set of items that shall
not exceed ____ lbs.

Description (optional)



ANSWER TYPE ☰



SELECT ONE

SELECT ALL

TRUE/FALSE

10 ☰

15 ☰

20 ☰

25 ☰

30 ☰

+ ADD ANSWER

Feedback (optional)



- 15 The spy bot may start ...
- 16 Which of the following ...
- 17 ROBOT height, as mea...
- 18 ROBOTS may not exte...
- 19 ROBOTS may not pin a...
- 20 No more than ____ BO...
- 21 The WITHHOLDING AL...
- 22 At any given time, only...
- 23 A ROBOT may not tran...
- 24 ROBOTS are prohibite...
- 25 ROBOTS on the same ...



Question title

**At any given time, only one (1)
ROBOT may contact the carpet or
BATTER inside their COURTYARD.**

Description (optional)



ANSWER TYPE

SELECT ONE SELECT ALL TRUE/FALSE

True

False

Feedback (optional)



- 15 The spy bot may start ...
- 16 Which of the following ...
- 17 ROBOT height, as mea...
- 18 ROBOTS may not exte...
- 19 ROBOTS may not pin a...
- 20 No more than ____ BO...
- 21 The WITHHOLDING AL...
- 22 At any given time, only...
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- 25 ROBOTS on the same ...



Question title

**A ROBOT may not transfer
BOULDERS from the NEUTRAL
ZONE to the opponent's SECRET
PASSAGE.**

Description (optional)



ANSWER TYPE

SELECT ONE SELECT ALL TRUE/FALSE

True

False

Feedback (optional)



- 15 The Spy bot may start ...
- 16 Which of the following ...
- 17 ROBOT height, as mea...
- 18 ROBOTS may not exte...
- 19 ROBOTS may not pin a...
- 20 No more than ____ BO...
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- 25 ROBOTS on the same ...



Question title

ROBOTS are prohibited from launching BOULDERS unless they are in contact with the opponent's TOWER/carpet and not in contact with any other carpet.

Description (optional)



ANSWER TYPE

SELECT ONE SELECT ALL TRUE/FALSE

True



False



Feedback (optional)



- 15 The Spy bot may start ...
- 16 Which of the following ...
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- 25 ROBOTS on the same ...

Question title

ROBOTS on the same half of the FIELD as their ALLIANCE TOWER may not interfere with opponents traversing the OUTER WORKS (regardless of direction)

A ROBOT is considered traversing the opponent's OUTER WORKS if any part of its BUMPERS are within the opponent's OUTER WORKS.



ANSWER TYPE

SELECT ONE SELECT ALL TRUE/FALSE

True



False



Feedback (optional)

