

Name

Date



## FROGS IN A BUCKET 3

Captain Salamander has been playing one of his favourite games called frog in a bucket with some of his friends.

In the game, you have to try to throw a bean bag frog into a bucket.

Each player gets 3 frogs to throw. You score either 100 points, 50 points, 30 points, or 0 points (if you miss all the buckets).



Captain Salamander throws his 3 frogs, and each frog lands in a bucket.

How many points could he have scored?

Find all possibilities.

Example: He could have scored 130 points if his bean bags scored 100 points, 30 points and 0 points.

Name \_\_\_\_\_

Date \_\_\_\_\_



## FROGS IN A BUCKET 3 ANSWERS

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In the game, you have to try to throw a bean bag frog into a bucket.

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Captain Salamander throws his 3 frogs, and each frog lands in a bucket.

How many points could he have scored?

There are 10 possibilities for the bean bags and the scores.

$100 + 100 + 100 = 300$ points	$50 + 50 + 50 = 150$ points	$30 + 30 + 30 = 90$ points
$100 + 100 + 50 = 250$ points	$50 + 50 + 30 = 130$ points	
$100 + 100 + 30 = 230$ points	$50 + 30 + 30 = 110$ points	
$100 + 50 + 50 = 200$ points		
$100 + 50 + 30 = 180$ points		
$100 + 30 + 30 = 160$ points		

