1) MINE SHAFT

Means

You are a worker in a mine. The only way to exit the mine is to ride up in rock-buckets that can hold up to three people at a time. It is the end of the workday, and miners from lower levels are riding up past you. As you are waiting for a bucket to ride in, you notice that the cable supporting the rock buckets is about to snap.

If the cable snaps, all of the miners in the buckets will fall to their deaths. The only way to prevent this is to use your axe to hit the last bucket, causing it to flip over and dump the miner and its contents. This will lighten the load enough to save the miners above.

There is one miner in this bucket who will be killed as a result.

Is it appropriate to flip over the last miner's bucket, killing him, in order to save the other miners?

Consensual

You are a worker in a mine. The only way to exit the mine is to ride up in rock-buckets that can hold up to three people at a time. It is the end of the workday, and miners from lower levels are riding up past you. As you are waiting for a bucket to ride in, **the miner in the last bucket shouts that the cable supporting the rock buckets is about to snap, but only you hear since the others are too far away.**

If the cable snaps, all of the miners in the buckets will fall to their deaths. The only way to prevent this is to use your axe to hit the last bucket, causing it to flip over and dump the miner and its contents. This will lighten the load enough to save the miners above.

There is one miner in this bucket who will be killed as a result.

The miner in the last bucket, having noticed this, has already tried dumping the bucket's contents, but it is still not enough, so he tries to jump out to save the others. However, this miner has poor flexibility and is taking too long to lift his legs over the bucket's edge. If you wait any longer, the cable will snap.

Is it appropriate to flip over the last miner's bucket, killing him, in order to save the other miners?

Side Effect

You are a worker in a mine. The only way to exit the mine is to ride up in rock-buckets that can hold up to three people at a time. It is the end of the workday, and miners from lower levels are riding up past you. As you are waiting for a bucket to ride in, you notice that the cable supporting the rock buckets is about to snap.

If the cable snaps, all of the miners in the buckets will fall to their deaths. The only way to prevent this is to **hit the emergency bucket release switch which will automatically detach the last bucket from the cable.** This will lighten the load enough to save the miners above.

There is one miner in this bucket who will be killed as a result.

Is it appropriate to **detach** the last miner's bucket, killing him, in order to save the other miners?

Side Effect - Consensual

You are a worker in a mine. The only way to exit the mine is to ride up in rock-buckets that can hold up to three people at a time. It is the end of the workday, and miners from lower levels are riding up past you. As you are waiting for a bucket to ride in, you notice that the cable supporting the rock buckets is about to snap.

If the cable snaps, all of the miners in the buckets will fall to their deaths. The only way to prevent this is to **hit the emergency bucket release switch which will automatically detach the last bucket from the cable.** This will lighten the load enough to save the miners above.

There is one miner in this bucket who will be killed as a result, **and he is currently shouting at you to press the switch.**

Is it appropriate to **detach** the last miner's bucket, killing him, in order to save the other miners?

2) NIGHT SHIFT (MODIFIED FUMES)

Means

You are an orderly in a hospital during the night shift. You notice that a chemical has just been spilled in a room containing six patients. This chemical is highly toxic, and if left on the floor, it will rapidly evaporate, creating a poisonous gas. This will inevitably kill all the patients in the room. This chemical cannot simply be mopped up, nor can it be soaked up with towels or sheets.

However, because you have worked around this chemical before, you know that this chemical absorbs into human skin very rapidly.

You could pull one of the patients out of bed onto the spill so that the chemical will completely soak into this person's skin instead of evaporating into the air in the room.

This will quickly kill the one patient but save the five other patients from the gas.

Is it appropriate to put this person onto the spilled chemical in order to save the other five patients?

Consensual

You are an orderly in a hospital during the night shift. You notice that a chemical has just been spilled in a room containing six patients. This chemical is highly toxic, and if left on the floor, it will rapidly evaporate, creating a poisonous gas. This will inevitably kill all the patients in the room. This chemical cannot simply be mopped up, nor can it be soaked up with towels or sheets.

However, because you have worked around this chemical before, you know that this chemical absorbs into human skin very rapidly.

Your panic has awoken a bedridden, immobile patient who is also concerned. You quickly inform the patient of the chemical, and this patient suggests that you pull him out of bed onto the spill so that the chemical will completely soak into this person's skin instead of evaporating into the air in the room.

This will quickly kill the one patient but save the five other patients from the gas.

Is it appropriate to put this person onto the spilled chemical in order to save the other five patients?

Side Effect

You are an orderly in a hospital during the night shift. You notice that a chemical has just been spilled in a room containing five patients. This chemical is highly toxic, and if left on the floor, it will rapidly evaporate, creating a poisonous gas. This will inevitably kill all the patients in the room. This chemical cannot simply be mopped up, nor can it be soaked up with towels or sheets.

You can flip a switch controlling the ventilation system that will draw the poisonous fumes out of the room in which the spill has occurred.

However, the exhaust duct leads to a room upstairs containing one other patient in critical condition. The switch will divert the poisonous fumes to this room.

This will quickly kill the one patient but save the five other patients from the gas.

Is it appropriate to **flip the switch to divert the air flow**, killing one patient but saving five?

<u>Side Effect - Consensual</u>

You are an orderly in a hospital during the night shift. You notice that a chemical has just been spilled in a room containing five patients. This chemical is highly toxic, and if left on the floor, it will rapidly evaporate, creating a poisonous gas. This will inevitably kill all the patients in the room. This chemical cannot simply be mopped up, nor can it be soaked up with towels or sheets.

You can flip a switch controlling the ventilation system that will draw the poisonous fumes out of the room in which the spill has occurred.

However, the exhaust duct leads to a room upstairs containing one other patient in critical condition. The switch will divert the poisonous fumes to this room.

This will quickly kill the one patient but save the five other patients from the gas.

The patient in the room upstairs has smelled the gas and called your emergency phone. You explain the situation to the patient, and he suggests diverting the air to his room.

Is it appropriate to **flip the switch to divert the air flow**, killing one patient but saving five?

3) MODIFIED ROWBOAT (changed all words for "child" to fisherman)

Means

You are in a rowboat with a tour guide while sight-seeing on a lake in Alaska. You notice that three fishermen have overturned their boat nearby. They are now in danger of quickly freezing to death in the icy water. You begin to row over to rescue them when you realize that your boat will not hold you, the tour guide, and the three fishermen.

As you and the tour guide pull in the first two, it is obvious that one of them is nearly twice as heavy as either of the other two. If you keep him on board, your boat will sink, and all of the fishermen will die.

Neither you nor the guide can get out because you are rowing, and the guide is performing CPR.

The only way to save two fishermen is to throw the larger fisherman off the boat and rescue the third one.

Is it appropriate to throw the large fisherman off the boat to die in order to save the other two?

Consensual

You are in a rowboat with a tour guide while sight-seeing on a lake in Alaska. You notice that three fishermen have overturned their boat nearby. They are now in danger of quickly freezing to death in the icy water. You begin to row over to rescue them when you realize that your boat will not hold you, the tour guide, and the three fishermen.

As you and the tour guide pull in the first two, it is obvious that one of them is nearly twice as heavy as either of the other two. If you keep him on board, your boat will sink, and all of the fishermen will die.

Neither you nor the guide can get out because you are rowing, and the guide is performing CPR.

The only way to save two fishermen is to throw the larger fisherman off the boat and rescue the third one. **The large fisherman offers to jump off, but his legs have gone numb from the cold and will need help getting out of the boat.**

Is it appropriate to throw the large fisherman off the boat to die in order to save the other two?

Side Effect

You are in a rowboat with a tour guide while sight-seeing on a lake in Alaska. You notice that three fishermen have overturned their boat nearby. They are now in danger of quickly freezing to death in the icy water. You begin to row over to rescue them when you realize that your boat will not hold you, the tour guide, and the three fishermen.

As you and the tour guide pull in the first two, it is obvious that **they are too heavy. If you bring the third fisherman on board**, your boat will sink, and all of the fishermen will die.

Neither you nor the guide can get out because you are rowing, and the guide is performing CPR.

The only way to save two fishermen is to **row quickly away from the third one, leaving him to die.**

Is it appropriate to **leave the one fisherman behind to die** in order to save the other two?

Side Effect - Consensual

You are in a rowboat with a tour guide while sight-seeing on a lake in Alaska. You notice that three fishermen have overturned their boat nearby. They are now in danger of quickly freezing to death in the icy water. You begin to row over to rescue them when you realize that your boat will not hold you, the tour guide, and the three fishermen.

As you and the tour guide pull in the first two, it is obvious that **they are too heavy. If you bring the third fisherman on board**, your boat will sink, and all of the fishermen will die.

Neither you nor the guide can get out because you are rowing, and the guide is performing CPR.

The only way to save two fishermen is to **row quickly away from the third one, leaving him to die.**

The third fisherman, who is still in the water, notices how close the boat is to sinking and shouts at you to just go and leave him.

Is it appropriate to **leave the one fisherman behind to die** in order to save the other two?

5) MODIFIED FOOTBRIDGE/TROLLEY

Means

A runaway trolley is heading down the tracks toward five workmen who will be killed if the trolley proceeds on its present course. You are standing next to the track on which the trolley is traveling, but you are too far away from the workmen to warn them of the impending danger.

Next to you, there is a very large stranger who is minding his own business.

It occurs to you that if you pushed this person onto the tracks in front of the trolley, it would stop the trolley and save the five workmen from certain death. However, this would most certainly kill the stranger.

Is it appropriate for you to push this stranger onto the tracks to save the five workmen?

Consensual

A runaway trolley is heading down the tracks toward five workmen who will be killed if the trolley proceeds on its present course. You are standing **behind a tall fence** next to the track on which the trolley is traveling, but you are too far away from the workmen to warn them of the impending danger.

Next to you, there is a very large stranger who **also notices the situation**.

It occurs to **the stranger** that if **he jumped** onto the tracks in front of the trolley, it would stop the trolley and save the five workmen from certain death. However, this would most certainly kill the stranger.

The stranger attempts to climb the fence to jump onto the tracks, but his pants get caught on the top of the fence. He asks you to cut his pants loose, so that he'll fall directly into the path of the oncoming train, as he planned.

Is it appropriate for you to **cut** this stranger's **pants loose so he falls** onto the tracks and **stops the train, saving** the five workmen?

Side Effect

A runaway trolley is heading down the tracks toward five workmen who will be killed if the trolley proceeds on its present course. You are standing next to the track on which the trolley is traveling, but you are too far away from the workmen to warn them of the impending danger.

Next to you, **there is a control switch for the tracks that can reroute the trolley.**

You could **divert the trolley onto another track and spare the five workmen from certain death. However, there is another workman on the new track that will certainly die if you divert the trolley.**

Is it appropriate for you to **divert the trolley and kill the lone workman** in order to save the five workmen?

Side Effect - Consensual

A runaway trolley is heading down the tracks toward five workmen who will be killed if the trolley proceeds on its present course. You are standing next to the track on which the trolley is traveling, but you are too far away from the workmen to warn them of the impending danger.

Next to you, **there is a control switch for the tracks that can reroute the trolley.**

You could **divert the trolley onto another track and spare the five workmen from certain death. However, there is another workman on the new track that will certainly die if you divert the trolley.**

The track with the lone workman is much closer to you, so you shout at him through your megaphone to look at the trolley, and he also notices the situation. The lone workman's track is surrounded by a fence that is too difficult to climb. Despite this, the lone workman shouts back through his personal megaphone at you to pull the control switch and divert the trolley.

Is it appropriate for you to **divert the trolley and kill the lone workman** in order to save the five workmen?

6) NUCLEAR REACTOR

Means

You are the inspector of a nuclear power plant that you suspect has not met its safety requirements. The plant foreman and you are touring the facility when one of the nuclear fuel rods overheats. The emergency coolant system fails to activate, and a chain reaction is about to begin, which will result in a nuclear meltdown. This will release lethal radiation into the nearby town, killing thousands of people.

You realize that the only way to stop the meltdown is to push the foreman into the fuel rod assembly.

This will remove just enough heat energy from the rod assembly to prevent the nuclear chain reaction.

However, it will also incinerate the foreman instantly.

Is it appropriate for you to push and kill the foreman in order to save yourself and the nearby town?

Consensual

You are the inspector of a nuclear power plant that you suspect has not met its safety requirements. The plant foreman and you are touring the facility when one of the nuclear fuel rods overheats. The emergency coolant system fails to activate, and a chain reaction is about to begin, which will result in a nuclear meltdown. This will release lethal radiation into the nearby town, killing thousands of people.

You **and the foreman** realize that the only way to stop the meltdown is to push **someone** into the fuel rod assembly.

This will remove just enough heat energy from the rod assembly to prevent the nuclear chain reaction.

However, it will also incinerate the foreman instantly.

The foreman prepares to jump into the fuel rod assembly but hesitates. He asks you to push him in.

Is it appropriate for you to push and kill the foreman in order to save yourself and the nearby town?

Side Effect

You are the inspector of a nuclear power plant that you suspect has not met its safety requirements. The plant foreman and you are touring the facility when one of the nuclear fuel rods overheats. The emergency coolant system fails to activate, and a chain reaction is about to begin, which will result in a nuclear meltdown. This will release lethal radiation into the nearby town, killing thousands of people.

You realize that the only way to stop the meltdown is to **manually release liquid nitrogen into the fuel rod chamber.**

This will remove just enough heat energy from the rod assembly to prevent the nuclear chain reaction.

However, it will also instantly **kill an employee trapped nearby**.

Is it appropriate for you to kill the **employee** in order to save yourself and the nearby town?

Side Effect - Consensual

You are the inspector of a nuclear power plant that you suspect has not met its safety requirements. The plant foreman and you are touring the facility when one of the nuclear fuel rods overheats. The emergency coolant system fails to activate, and a chain reaction is about to begin, which will result in a nuclear meltdown. This will release lethal radiation into the nearby town, killing thousands of people.

You realize that the only way to stop the meltdown is to **manually release liquid nitrogen into the fuel rod chamber.**

This will remove just enough heat energy from the rod assembly to prevent the nuclear chain reaction.

However, it will also instantly **kill an employee trapped nearby**.

The plant foreman calls the employee's work phone and informs him of the situation. The employee explains that he will not be able to leave his area and make it to safety in time. He tells you to release the liquid nitrogen, knowing that it will kill him.

Is it appropriate for you to kill the **employee** in order to save yourself and the nearby town?

7) SPACE STATION

Means

You are an engineer on the international space station, in orbit around the Earth. Suddenly, a fire breaks out in the cargo bay. The automatic fire safety system will open the outer door of the cargo bay, letting the oxygen out of the bay and thus putting out the fire. The automatic system only works when the inner portal to the rest of the station has been sealed. One member of the crew, a mechanic in the cargo bay, has put on half of his bulky space suit when the fire begins. He runs to the portal to climb through to safety, but the portal is too narrow to fit through while wearing a space suit.

You realize that if he tries to climb through, he will get stuck, and the fire will spread through the rest of the station because the safety system will not operate with the portal open.

There is no time for him to take off the suit before the fire spreads.

The only way you can prevent the spread of the fire, and save your life and the rest of the crew, is to push the mechanic back through the portal and into the cargo bay. This way, the safety system will seal the door and decompress the cargo bay, but it will also suck the mechanic into space and kill him.

Is it appropriate for you to push the mechanic back through the portal, and into space, in order to save yourself and the rest of the crew?

Consensual

You are an engineer on the international space station, in orbit around the Earth. Suddenly, a fire breaks out in the cargo bay. The automatic fire safety system will open the outer door of the cargo bay, letting the oxygen out of the bay and thus putting out the fire. The automatic system only works when the inner portal to the rest of the station has been sealed. One member of the crew, a mechanic in the cargo bay, has put on half of his bulky space suit when the fire begins. He runs to the portal to climb through to safety, but the portal is too narrow to fit through while wearing a space suit.

The mechanic tries to climb through, but the bottom of his space suit is too wide, leaving him stuck in the portal and the fire at risk for spreading.

There is no time for him to take off the suit before the fire spreads.

The only way you can prevent the spread of the fire, and save your life and the rest of the crew, is to push the mechanic back through the portal and into the cargo bay. This way, the safety system will seal the door and decompress the cargo bay, but it will also suck the mechanic into space and kill him.

The mechanic waves goodbye to everyone and asks you to dislodge him and push him back through the portal.

Is it appropriate for you to push the mechanic back through the portal, and into space, in order to save yourself and the rest of the crew?

Side Effect

You are an engineer on the international space station, in orbit around the Earth. Suddenly, a fire breaks out in the cargo bay. The automatic fire safety system will open the outer door of the cargo bay, letting the oxygen out of the bay and thus putting out the fire. The automatic system only works when the inner portal to the rest of the station has been sealed. One member of the crew, a mechanic in the cargo bay, has put on half of his bulky space suit when the fire begins. He runs to the portal to climb through to safety, but the portal is too narrow to fit through while wearing a space suit.

You realize that if he tries to climb through, he will get stuck, and the fire will spread through the rest of the station because the safety system will not operate with the portal open.

There is no time for him to take off the suit before the fire spreads.

The only way you can prevent the spread of the fire, and save your life and the rest of the crew, is to **press a button in the control room that seals the portal before the mechanic gets there**. This way, the safety system will seal the door **and put out the fire**, but it will also suck the mechanic into space and kill him.

Is it appropriate for you to **seal the portal and kill the mechanic** in order to save yourself and the rest of the crew?

Side Effect - Consensual

You are an engineer on the international space station, in orbit around the Earth. Suddenly, a fire breaks out in the cargo bay. The automatic fire safety system will open the outer door of the cargo bay, letting the oxygen out of the bay and thus putting out the fire. The automatic system only works when the inner portal to the rest of the station has been sealed. One member of the crew, a mechanic in the cargo bay, has put on half of his bulky space suit when the fire begins. He runs to the portal to climb through to safety, but the portal is too narrow to fit through while wearing a space suit.

You realize that if he tries to climb through, he will get stuck, and the fire will spread through the rest of the station because the safety system will not operate with the portal open.

There is no time for him to take off the suit before the fire spreads.

The only way you can prevent the spread of the fire, and save your life and the rest of the crew, is to **press a button in the control room that seals the portal before the mechanic gets there**. This way, the safety system will seal the door **and put out the fire**, but it will also suck the mechanic into space and kill him.

You hear the mechanic tell you that he cannot fit through the opening, so he tells you to fully shut the door.

Is it appropriate for you to **seal the portal and kill the mechanic** in order to save yourself and the rest of the crew?

10) BURNING BUILDING

Means

You and five other people are trapped in a burning building. There is only one emergency exit through which all of you could escape to safety, but it is blocked by burning debris. You notice another person in the hallway leading to the exit who has been injured but is slowly crawling to safety through a small hole at the bottom of the exit door.

You and the five people behind you do not have time to climb through the small hole.

You realize that you could grab the injured man and use his body as a battering-ram to break through the burning blockage in the hallway that is preventing your escape.

Doing this is certain to kill him. However, if you do not do this, you and the five people behind you will die.

Is it appropriate for you to kill this man in order to save yourself and the other five people?

Consensual

You and five other people are trapped in a burning building. There is only one emergency exit through which all of you could escape to safety, but it is blocked by burning debris. You notice another person in the hallway leading to the exit who has been injured but is slowly crawling to safety through a small hole at the bottom of the exit door.

You and the five people behind you do not have time to climb through the small hole.

The injured man notices that he is blocking everyone from escaping and urges you to use his body as a battering-ram to break through the burning blockage in the hallway that is preventing your escape.

Doing this is certain to kill him. However, if you do not do this, you and the five people behind you will die.

Is it appropriate for you to kill this man in order to save yourself and the other five people?

Side Effect

You and five other people are trapped in a burning building. There is only one emergency exit through which all of you could escape to safety, but it is blocked by burning debris. You notice another person in the hallway leading to the exit who has been injured but is slowly crawling to safety through a small hole at the bottom of the exit door.

You and the five people behind you do not have time to **pull the man out of** nor climb through the small hole.

The hallway's emergency system is located inside a room at the end of the hall opposite from the exit, which you and the five people happen to be standing by. The emergency system puts out fire by eliminating oxygen from the hall, and you can activate the system

by pressing a button. You and the five people can hide inside the room and activate the emergency system.

If activated, the fire will go out, the injured person will suffocate and die, but you and the five people will be safe inside the emergency system's room. However, if you do not do this, you and the five people behind you will die.

Is it appropriate for you to **activate the system** in order to save yourself and the other five people?

<u>Side Effect - Consensual</u>

You and five other people are trapped in a burning building. There is only one emergency exit through which all of you could escape to safety, but it is blocked by burning debris. You notice another person in the hallway leading to the exit who has been injured but is slowly crawling to safety through a small hole at the bottom of the exit door.

You and the five people behind you do not have time to **pull the man out of** nor climb through the small hole.

The hallway's emergency system is located inside a room at the end of the hall opposite from the exit, which you and the five people happen to be standing by. The emergency system puts out fire by eliminating oxygen from the hall, and you can activate the system by pressing a button. You and the five people can hide inside the room and activate the emergency system.

If activated, the fire will go out, the injured person will suffocate and die, but you and the five people will be safe inside the emergency system's room. However, if you do not do this, you and the five people behind you will die.

You shout into the hall and tell the man about your plans to turn on the emergency system. He shouts back that he understands and encourages you to activate the system.

Is it appropriate for you to **activate the system** in order to save yourself and the other five people?

Excluded Scenarios:

4) BIKE WEEK

Means

You are an expert motorcycle rider, and you have gone on vacation in order to participate in Bike Week. Thousands of other motorcycle riders from across the country have come to ride in this event. As you are riding down the road in front of a large group of other riders, you see that someone up ahead is losing control of their bike.

You speed up to pull alongside the unstable rider, and you realize that this person is going to crash at any second.

This would certainly result in a large pile-up and several deaths as the riders behind you run over each other, trying to avoid the crashed rider.

You realize that you could physically run this rider off the road and into some trees.

This would cause him to crash and, at your current speed, almost certainly die, but it would prevent a crash in the middle of the street and the large pile-up of riders behind you.

Is it appropriate for you to crash the other rider to avoid the deaths of the riders behind you?

Consensual

You are an expert motorcycle rider, and you have gone on vacation in order to participate in Bike Week. Thousands of other motorcycle riders from across the country have come to ride in this event. As you are riding down the road in front of a large group of other riders, you see that someone up ahead is losing control of their bike.

You speed up to pull alongside the unstable rider, and you realize that **the bike has locked up, so the rider can no longer steer it nor slow it down. The rider has realized this and has been trying to sacrifice himself by attempting to crash the motorcycle off the road.**

If the rider crashes on the road, it would certainly result in a large pile-up and several deaths as the riders behind you run over each other, trying to avoid the crashed rider.

You realize that you could physically run this rider off the road and into some trees.

This would cause him to crash and, at your current speed, almost certainly die, but it would prevent a crash in the middle of the street and the large pile-up of riders behind you.

Is it appropriate for you to crash the other rider to avoid the deaths of the riders behind you?

Side Effect

You are an expert motorcycle rider, and you have gone on vacation in order to participate in Bike Week. Thousands of other motorcycle riders from across the country have come to ride in this event. As you are riding down the road in front of a large group of other riders, you see that someone up ahead is losing control of their bike.

You speed up to pull alongside the unstable rider, and you realize that **the bike's throttle is jammed. The rider jumps off the bike, but the bike is still accelerating down the street towards a busy intersection where it will surely crash into another vehicle.**

This would certainly result in a large pile-up and several deaths as the riders behind you run over each other, trying to avoid the crashed bike.

You realize that you could physically run this **riderless bike** off the road and **onto the sidewalk, where a man is walking down the street**.

This would cause the **bike** to crash and **cause an explosion that will** almost certainly **kill the walking man**, but it would prevent a crash in the middle of the street and the large pile-up of riders behind you.

Is it appropriate for you to crash the **bike onto the sidewalk** to avoid the deaths of the riders behind you?

Side Effect - Consensual (wtf)

You are an expert motorcycle rider, and you have gone on vacation in order to participate in Bike Week. Thousands of other motorcycle riders from across the country have come to ride in this event. As you are riding down the road in front of a large group of other riders, you see that someone up ahead is losing control of their bike.

You speed up to pull alongside the unstable rider, and you realize that **the bike's throttle is jammed. The rider jumps off the bike, but the bike is still accelerating down the street towards a busy intersection where it will surely crash into another vehicle.**

This would certainly result in a large pile-up and several deaths as the riders behind you run over each other, trying to avoid the crashed bike.

You realize that you could physically run this **riderless bike** off the road and **onto the sidewalk, where a man is walking down the street**.

This would cause the **bike** to crash and **cause an explosion that will** almost certainly **kill the walking man**, but it would prevent a crash in the middle of the street and the large pile-up of riders behind you.

Is it appropriate for you to crash the **bike onto the sidewalk** to avoid the deaths of the riders behind you?